# Enviro-News

## September, 2016

**Sponsored by Daemen College's Center for Sustainable Communities and Civic Engagement and Global & Local Sustainability Program**

**Newsletter Contents:**


- Articles- including events, courses, local news, grants, positions
- Upcoming Activities
- Tips to Help the Environment, "Going Green" by Lesley Haynes
- Volunteer Opportunities, Recycling, CSAs and Farms, Organization links


## Articles:

### WNY Environmental Summit: "The Power is You"

The 12th annual WNY Environmental Summit "The Power is You will be held at Daemen College on **Saturday, September 24** from 8:30am-noon. The free public event features speakers, workshops and exhibit tables as well as on-site electronics recycling. Sessions include the "Solar Carousel Project for Canalside", a panel discussion on the solar industry, "Taking your Recycling Game to the Next Level", "Considering Solar in your Home", "Greener Materials for your Home and Business". The free event is made possible by our sponsors, National Grid, CIR Electrical, Daemen College Center for Sustainable Communities, The Knoer Group PLLC and WNY Apollo Alliance. For info, visit www.daemen.edu/summit. If your organization or business would like a free exhibit table, contact byoung@daemen.edu.

### Air Quality and the Community: Public Information Forum

The Erie County Local Emergency Planning Committee (LEPC) is hosting its annual Public Information Forum on **Wednesday, September 14, 2016** from 6:00pm to 8:00pm at Erie County Department of Emergency Services Training and Operations Center Auditorium, 3359 Broadway, Cheektowaga, 14227. This session will discuss emergency preparedness and response in Erie County. Come learn how the County is preparing communities and agencies to respond to emergency incidents and learn how you can prepare! You will be able to create a preparedness plan on your smart device and be ready for weather surprises. Light refreshments will be served!

### Great Lakes Beach Sweep

Volunteers are needed for the Great Lakes Beach Sweep. Mark your calendars for **September 17th** At 10:00 AM at Woodlawn, NY State Park for the annual cleanup. For 30 years, the Great Lakes Beach Sweep has cleaned 90 miles of the Lake Erie shoreline. Data collected during the cleanup are used by the Ocean Conservancy. For info, http://greatlakesbeachsweep.org/

### Tour de Farms

The 8th Annual Tour de Farms will be held on **September 17** from 9am—3pm. This event features a bicycle tour of local urban and rural farms highlighting and celebrating sustainable transportation and our connection to the local food system. Bicyclists start from Buffalo's Westside, visiting urban farms and community gardens in the city. There is a stop and light lunch at the halfway point–and the ride ends at the Oles Family Farm in Alden, NY with a celebration. While participants are welcome to ride back, most people take advantage of the provided bus ride and their bikes come back on box trucks. This year includes an Urban Farm Tour that starts and ends in the city for those that want to remain in the city. To register and for more info, visit http://www.tourdefarmsbuffalo.org/.

## Reinstein Woods Fall Festival

The New York State Department of Environmental Conservation (DEC) invites the public to the 16th Annual Fall Festival at Reinstein Woods Nature Preserve in Cheektowaga on **Saturday, September 17** from 10 a.m. to 4 p.m. Visitors can spend the day enjoying nature activities, exhibits, live animals, music and more. This year festival goers will be celebrating pollinators, those important animals that are responsible for much of our food and flowers. Kids can take the Butterfly Migration Challenge, make crafts and play games related to pollinators ranging from moths to bats and even flies! A pollinator-themed scavenger hunt will have the whole family searching for pollinators among exhibits from organizations like Earth Spirit, U.S. Fish and Wildlife Service, and the Buffalo Zoo. Special demonstrations happen throughout the day. Reinstein Woods Nature Preserve is located at 93 Honorine Drive, off of Como Park Boulevard in Cheektowaga. A donation to Friends of Reinstein Nature Preserve is requested at the door to support the festival. For a complete list of festival activities, contact Reinstein Woods at 683-5959 or visit www.dec.ny.gov and search for "Fall Festival."

## WNY Land Conservancy 25th Anniversary Gala

Tickets are now available for the WNY Land Conservancy 25th Anniversary Gala on **Wednesday, September 21** in the Golden Ballroom at Statler City in Buffalo. The event will feature celebrity emcee Steve Tasker, live gypsy jazz music by The Hot Club of Buffalo, cocktails, hors d'oeuvres, dinner, dessert, awards, and an exciting live auction presented by Cash Cunningham. Auction prizes include getaways to New Zealand, Niagara-on-the-Lake, East Aurora, and a secluded Lake Erie Beachfront property; a day-long fishing charter; local art; a cruise on the lower Niagara River; and much more. Tickets are $160 per person or $220 for patrons who will be recognized in the program. You may also purchase a full table for 10 for $1,440 or 12 for $1,760. Contact the Land Conservancy at (716) 687-1225 or info@wnylc.org to make reservations.

## Solar and Geothermal Workshop

The WNY Sustainable Business Roundtable is hosting a presentation and discussion on Solar and Geothermal applications for your business on **Thursday, September 22**. There is a business case to be made that both Geothermal and Solar can make economic and environmental sense at your facility. Presentations are 9-11am at Babeville, 341 Delaware in Buffalo, but come at 8:30am for registration, networking, coffee and muffins. Click here for more information.

## Paws in the Park

Registration for Paws in the Park, the largest dog walk in Western NY, is now open! Paws in the Park is a scenic 2-mile walk held at Beaver Island State Park. The event is taking place on **September 24** and will feature dozens of pet-related vendors, demonstrations, and contests! Register at **YourSPCA.org**, then let your family, friends, and co-workers know to join you.

## Public Meeting and Comment on Cleanup at Eighteen Mile Creek Superfund Site in Lockport

The U.S. Environmental Protection Agency has proposed a plan that calls for a variety of actions to address contamination in the Creek Corridor portion of the Eighteen Mile Creek Superfund Site, in Lockport, N.Y. Details of the plan will be presented at a public meeting on **Wednesday, September 7** at 7pm at 4-H Training Center, Niagara County Fairgrounds. The Creek and several adjacent properties are contaminated with polychlorinated biphenyls (PCBs) and other contaminants, including lead and cleanup would cost an estimated $23 million. The cleanup proposal, which is the second phase of cleanup at this site, calls for the complete removal of contaminated sediment in the Creek Corridor. The Proposed Plan can be accessed directly here. Written comments may be submitted in September to Jaclyn Kondrk, Remedial Project Manager, U.S. Environmental Protection Agency at kondrk.jaclyn@epa.gov

## Master Forest Owner Training

The 2016 Master Forest Owner training will be **September 7 - 10** at the Cornell University Arnot Teaching and Research Forest in Van Etten, NY (www.arnotforest.info). The $125 ($200 per couples) fee helps defray the cost of publications, food, and equipment for the 4-day training. Volunteers may stay at the Arnot at no additional cost. The training combines classroom and outdoor field experiences on a variety of woodland management and educational topics. Phone: 607-255-2115, or E-mail: dlt5@cornell.edu for the application materials.

## LEED Green Associate (GA) Training

Training for the LEED Green Associate exam will be offered on **September 10** from 1 to 5pm at UB South Campus, Hayes Hall, Room 401. Just as Buildings can be LEED (Leadership in Energy and Environmental Design) certified, people in the sustainable construction industry can become LEED Professionals. The LEED Green Associate (GA) credential is the only entry level sustainability designation and shows employers and clients that you have certified knowledge in the green building industry. This course meets the exam's eligibility requirements and the USGBC charges a $100 (reduced for students) fee for the actual exam which can be taken at any time at your nearest Prometric center. Cost: $300 ($200 for full time students). To register for the class please visit: http://leadinggreen.com/buffalo

## Wild Women Unite

An outdoor workshop for women is being offered by Wild Women Unite. These events offer a variety of different activities, taught and guided by credentialed instructors. The **September 16-17** weekend will be held on Grand Island. Cost includes workshops, speakers, and some meals. For details and registration, visit Http://Wildwomenunite.com

## "Rust Belt Reborn": Buffalo Hosts NY Upstate American Planning Association

The 2016 Annual American Planning Association's New York Upstate Chapter Conference will be held **September 28-30** at the Hyatt Regency Buffalo. This is an opportunity for planners and community advocates to learn and share successful strategies for revitalization in the Upstate region. The conference theme "Rust Belt Reborn" celebrates a vibrant return to urban centers and the promotion of active community lifestyles. For info, agenda and registration, visit 2016 NY Upstate Chapter Conference.

## Fall River Academy Starts Soon

Buffalo Niagara Riverkeeper's River Academy is a field based training series that provides an introduction to our Niagara River watershed through Saturday morning classes in stream science. Fall classes are scheduled from August 31-December 14 on Wednesdays from 4:30-6:45pm at the Riverkeeper office (721 Main Street, Buffalo, NY 14203), East Hill Foundation (17 Island St., North Tonawanda, NY 14120), and field locations. For registration info and class topics, visit http://bnriverkeeper.org/riveracademy/.

## Master Food Preserver Training

Cornell Cooperative Extension of Niagara County is offering a 3-day course in Master Food Preservation from **September 27-29** at 4487 Lake Avenue in Lockport. This training program includes the scientific basis of home food preservation with hands-on experience. Certificates of participation will be distributed for those who complete the course. For those who want to become a Certified CCE Master Food Preserver and volunteer to teach at CCE, additional requirements must be met to earn the CCE Master Food Preserver Certificate. The Master Food Preserver Training will start at 8:30am and run to 4:30pm. Cost is $375 and all class materials will be provided. Lunch each day is also included. You MUST preregister and pre-pay for each class and class sizes are limited. Contact Amanda for more information at 433-8839 ext. 231 or by email app27@cornell.edu.

## "Our Outer Harbor" Campaign Launched to Protect the Public Trust on Waterfront

A local coalition of community members and organizations gathered to launch the "Our Outer Harbor" campaign, announcing their first public meeting to be held on **Wednesday, September 28th**. The group emphasized preserving the public trust on Buffalo's waterfront ensuring transparency, community input, protecting historical resources, habitat, and public health. In November of last year, ECHDC approved plans for several Lighter, Quicker, Cheaper improvements to the Outer Harbor including bike paths, improved signage, and recreation space on Michigan Pier. While applauding reinvigorated access to the area, Our Outer Harbor advocates insisted that all development should be temporary in lieu of a comprehensive plan, follow the intent of the law, and be shaped by the ideas of residents. ECHDC and all interested members of the public are welcomed to attend the first public meeting on Wednesday, September 28th at 7:00 pm at Riverworks, 369 Ganson St, Buffalo. Beforehand, members of the coalition will host tours on the Outer Harbor starting at 5:00. Those interested can meet at the Wilkeson Pointe Park sign on Fuhrmann Blvd. More info and an online petition can be found at www.OurOuterHarbor.org.

## Honey Harvest Festival 2016

Join Masterson's Garden Center, Inc. & Aquatic Nursery in East Aurora for their 4th annual Honey Harvest Festival on Saturday and Sunday, **October 1st & 2nd**, 2016. Experienced beekeepers will be on hand throughout the event. If you've ever wondered how we get that delicious honey from our bees, stop in and see live honey extracting demonstrations. There will also be intro to beekeeping seminars, wax rendering/candle making demonstrations, mead (honey wine) tasting, local vendors selling foods and crafts, pollinator friendly garden talk with local experts, the annual honey tasting competition, fun activities for the kids and much more! Bring the whole family or bring yourself down to Masterson's for this free educational and entertaining event. If you have honey or other bee related products or crafts to sell please follow this link Vendor Application Form. For info, email: info@mastersons.net

## 13th Annual World on Your Plate and Sustainable Living Conference

This year's World on your Plate conference will be held on **Friday, October 7 and Saturday October 8** at Daemen College. Friday evening features a light dinner, panel discussion on "Farm-to-Market: Issues and Challenges" and a New York Organic Action Plan. Saturday's session includes workshops, an organic vegetarian lunch and talks by Matthew Goldfarb on "Resilient Seeds in a Changing Climate" and Frances Moore Lappe on "The Solution is on Your Plate". For registration and a detailed agenda, visit www.worldonyourplate.org

## Penn Dixie Earth Science Day: Exhibitors Welcome

On behalf of the Buffalo Association of Professional Geologists (BAPG) and Penn Dixie, organizations are invited to participate in the 19th Annual Western New York Earth Science Day from 9:00 am to 4:00 pm on **Saturday October 8** at the Penn Dixie Paleontological Outdoor & Education Center in Blasdell. We welcome scientific, environmental, ecology, nature-related, and historical organizations to setup an informational display to be shared by 500-1,000 visitors during the day. The exhibits and drilling demonstrations will be free to the public. We provide a large tent for all exhibits that ensures the program will run regardless of weather. Fossil collecting will also be available at our usual admissions rates, and we will tentatively plan for daytime astronomy activities if cloud conditions permit. If you'd like to participate, please complete our registration form at https://penndixie.org/wny-earth-science-day/ or contact us by **September 5, 2016**.

## 2nd Annual ReStore DIY Contest and Auction

Habitat Buffalo has organized a very fun event that gives people the opportunity to learn about and own the DIY creations that we all see on Pinterest but never have time to make ourselves. The ReStore DIY Contest and Auction will be held on **Friday, October 14th** from 6-9 PM at our South ReStore location. Habitat Buffalo has brought together DIYers and designers to make unique pieces of furniture, lighting, and housewares from materials that they gathered at our ReStore locations and these creations will be auctioned off at the event. In addition to the auction, there will be live DIY demonstrations, food trucks, local breweries, live music, games, raffles, and so much more! For more information, please check out our event page at www.restorediycontest.com.

## Sierra Club Dinner Features Speaker Aaron Mair

The Niagara Frontier Chapter of the Sierra Club will host Speaker Aaron Mair, President of National Sierra Club on **Saturday, October 15, 2016**, at 6 pm at their annual dinner. This year's event will be held at Temple Beth Zion, 805 Delaware Avenue, Buffalo and includes a multi-course buffet dinner with cash bar. We have two ticket prices: $45 for those who can afford to support our fundraising efforts, and $25 for those who are students or on a fixed income. More dinner details here. The speaker is an epidemiological-spatial analyst with the New York State Department of Health. His background and experience includes more than three decades of environmental activism and over 25 years as a Sierra Club volunteer leader where he has worked diligently for environmental justice.

## Investigative Post to Host Journalist Talks

Investigative Post's upcoming event season starts out with appearances by two prominent journalists, Margaret Sullivan of The Washington Post and Susan Arbetter of The Capitol Pressroom. Sullivan will be keynote speaker at Investigative Post's inaugural benefit dinner **Oct. 19** at the Hyatt Regency. Arbetter will discuss state politics and other issues **Sept. 13** at the Burchfield Penney Art Center. The appearances of Sullivan and Arbetter headline Investigative Post's third season of "At Issue," an event series that will feature a continuation of reporter presentations, happy hour interviews and trivia nights. Investigative Post is a 501 c-3 non-profit investigative reporting center based in Buffalo. It is the only local news organization dedicated exclusively to watchdog journalism. Tickets to the events can be purchased online.

## Orca Biologist and Poet-Naturalist to Headline Eva Saulitis Memorial Events

Eva Saulitis Memorial events will be held at 7pm on **October 17 and 18** in Fenton Hall at SUNY Fredonia. Eva Saulitis, one of America's most renowned nature writers and prominent orca biologist, passed away from cancer in January 2016. Although most famous for her exquisite meditations on orcas, Alaskan wilderness, and cancer, Saulitis was a native of Silver Creek with deep connections to the landscapes, ecology, plants and nature preserves of Western New York. Her father was director of Reed Library at SUNY-Fredonia and Saulitis studied oboe at Fredonia and authored two publications about the College Lodge Nature Preserve. The author of four books, two nonfiction and two poetry collections, Saulitis also published essays, poems and reviews in numerous journals. Saulitis has been honored with numerous literary and scientific awards. The Fredonia based events will continue to celebrate the life and works of this distinguished Western New York native.

Craig Matkin, Executive Director of the Alaskan North Gulf Oceanic Society, and Elizabeth Bradfield, naturalist-poet and Co-Director of Creative Writing Brandeis University, will speak at SUNY-Fredonia on October 17th and 18th. The interdisciplinary, collaborative presentations are part of a larger series of events commemorating the scientific and literary legacies of Eva Saulitis. All events are free and open to the public. Please email for more information – Jon Titus "titus@fredonia.edu".

## Annual Reptile Show

The WNY Herpetological Society is very pleased to announce that the 15th Annual WNYHS Reptile Show and Sale will be held on **Saturday, October 22, 2016** from 10 am to 4 pm, at the Rescue Fire Company No. 5 Hall, 1241 Strad Avenue, North Tonawanda, NY! You can check out all of the details, including information about the all-new Herp Education Room on the 2016 Reptile Show page. The Reptile Show and Sale is the primary fundraiser for the not-for-profit WNY Herp Society. Your attendance enables the Society to host Monthly Meetings and other events for members and visitors, provide herp education in our local community, and fund research grants for reptile and amphibian research. We appreciate your support! Vendor tables are available, but are filling up quickly. If you are interested in vending at the WNYHS Reptile Show and Sale, please visit the Vendor Information and Application page.

## Swimming Pool Owners Asked to Complete Beetle Survey

If you have a swimming pool, please help the New York State Department of Environmental Conservation monitor the invasive Asian Longhorned Beetle by participating in a pool filter survey. During each of the past 5 summers, DEC has enlisted pool owners across the state to look for ALB in their pool filters. Contact DEC to participate in the pool survey in August. Email: foresthealth@dec.ny.gov.

## Erie County Retailers: Participate in an Indie Impact Study

Buffalo First has always looked for ways to promote and elevate the local businesses that make our county great. Our latest initiative is an **Indie Impact Study** that measures the impact of local, independent businesses on the economy in Erie County. We know local businesses are critical, but it's about time we have the local stats to back it up. These data will help us **make the case for local businesses where it matters most** – with consumers, with policy makers, with developers and other key stakeholders. Our **"Think Local. Buy Local. Be Local."** campaign has been incredibly successful with consumers, but we know the work cannot stop. We want to see your business thrive now and into the future. **Take the online survey now: www.buffalofirst.org/indie-impact-study**.

## Radical Mycology Convergence

The Radical Mycology Convergence is a weekend long event from **October 6-10** in Wingdale, NY. There will be workshops, presentations and various mycoremediation installations. For info visit RadicalMycologyConvergence.com

## NYS Outdoor Educators' Association Conference

"Portal to the Outdoors" is the theme for this year's New York State Outdoor Educators Association (NYSOEA) Conference to be held **November 3-6** in Corning, NY. Registration info and details can be found at http://nysoea.org/

## Buffalo LISC Receives $15,000 Grant from Citizens Bank

Buffalo LISC has received a $15,000 grant from Citizens Bank through its Citizens Helping Citizens initiative. With a focus on fighting hunger, providing shelter, teaching money management, and strengthening communities, Citizens Helping Citizens aims to provide the tools and support to drive the economic vitality of the streets, neighborhoods, and towns we serve. The funding from this grant will support LISC's Building Sustainable Communities initiatives. Buffalo LISC recently published their **2015 Impact Report**, highlighting several projects completed through their partnerships in the local community and reflecting on how LISC contributed to affordable housing development and commercial corridor revitalization over the past year.

## Reuse Action Needs your Reusable Materials

Have used furniture, cabinetry or building supplies? Don't send them to the landfill, donate them to Reuse Action. Check out our website atwww.reuseaction.com, call our store at 716-894-3366, or stop by 980 Northampton Street for a visit any Tuesday, Friday or Saturday from 9am-4pm. Profits from sales put people to work!

## Buffalo Bike Share

Need a bike to get around downtown or UB? Buffalo Bike Share has different options to provide you with easy access to a bicycle. Check out their location map at https://buffalo.socialbicycles.com/#map. You can sign up online at the site and book your next reservation. New for 2016, Reddy Bikeshare will have 200 bikes around Buffalo. Check their site at https://reddybikeshare.socialbicycles.com/.

## Turkey Samples Needed

Cornell University is conducting a study on wild turkeys. If you find a dead turkey hen, poults, or an abandoned nest with eggs (even if broken), we are interested in looking at those samples. This study is looking for the presence of lymphoproliferative disease (LPDV), a viral disease, that may be impacting turkey populations. The disease is widespread in adult birds and may be inconsequential, but we need samples from eggs or young turkeys to see if they are carrying the virus as well. This is only a disease of wild turkeys and not a risk to humans. If you find a hen or poult (young-of-year) carcass(es) or abandoned nest, please call your nearest NYS Dept. of Environmental Conservation office to report the situation and arrange for pick-up. Pick up samples using a plastic bag. Seal or tie the bag closed. Keep samples chilled or frozen until pick-up. DEC Region 9 (Allegany, Cattaraugus, Chautauqua, Erie, Niagara and Wyoming counties) call (716) 851-7010 Buffalo or (716) 379 -6366 Allegany.

## Lawsuits Pending on Liquid Nuclear Waste Transport across Peace Bridge

A lawsuit has been filed by multiple environmental organizations to halt truck shipments of high-level liquid nuclear waste over the Peace Bridge en route to a processing facility in South Carolina. It is estimated that at least 150 tractor-trailer loads would cross the bridge over several years to deliver all of the highly radioactive waste. A Buffalo News article can be read at: http://www.buffalonews.com/city-region/liquid-nuclear-waste-shipments-over-peace-bridge-could-start-in-september-20160817

## Free Energy Audits for Small Businesses and Non-Profits

Small businesses and non-profits that have 10 full time employees or less and an average annual electric demand of less than 100 kW are eligible for a free energy audit through the NYSERDA Small Commercial Energy Efficiency Program (SCEEP). Following a site visit to assess your facility, you will receive a report showing identified energy savings measures, estimated energy savings, estimated cost savings, and the costs to install the measures. This info can help you make informed decisions about implementing energy efficiency improvements. NYSERDA SCEEP energy audits are provided in Western New York, the Genesee-Finger Lakes Region and the Southern Tier by C.J. Brown Energy. For more information or for assistance in completing an application, contact Lisa Grabenstatter, C.J. Brown Energy's Energy Program Administrator, at (716) 565-9190 or lag@cjbrownenergy.com.

## Final Guidance on Consideration of Greenhouse Gas Emissions and the Effects of Climate Change

Under NEPA, Federal agencies are required to consider and disclose the potential effects of their actions and decisions on the environment. In many cases, Federal actions have the potential to contribute to climate change by producing greenhouse gas emissions or alternatively, be affected by many of the impacts of a changing climate, such as rising sea levels, extreme weather, drought and wildfires. A final guidance released last month provides a level of predictability and certainty by outlining how Federal agencies can describe these impacts by quantifying greenhouse gas emissions when conducting NEPA reviews. This increased predictability and certainty will allow decision makers and the public to more fully understand the potential climate impacts of all proposed Federal actions, and in turn, assist agencies in comparing alternatives and considering measures to mitigate the impacts of climate change. https://www.whitehouse.gov/the-press-office/2016/08/02/fact-sheet-white-house-council-environmental-quality-releases-final

## Online Boating Safety Course Available

An "Online Boating Safety" course now provides an option to the 8 hour classroom-based course. Anyone born after 1996 needs a boating safety certificate before operating a motorboat. Info on the course is available at http://parks.ny.gov/recreation/boating/boating-safety-class.aspx.

## "A Ghost in the Making: Searching for the Rusty Patched Bumble Bee"

Pollinators have been declining in recent years, with most of the focus on honey bees. A native bumble bee species is the subject of a newly released short film, *A Ghost in the Making: Searching for the Rusty Patched Bumble Bee*. The film is now available at http://www.rustypatched.com/ for online viewing. Saving the rusty patched bumble bee will take more than just watching a movie. It needs action at the highest level.

## Tool for Sourcing Local Meat

A new website is available to help consumers locate local farmers who produce meats. You will be able to connect with local producers to choose the growing practices that suit your lifestyle and help support the regional economy. Visit the tool at http://meatsuite.com/

## We Are NY Video Series

To celebrate the 50th anniversary of the National Historic Preservation Act on 1966, the New York State Office of Parks, Recreation and Historic Preservation created a series of short videos featuring personal stories about historic places, including Elmwood Village in Buffalo, Rock Island Lighthouse State Park in the Thousand Islands region and the Underground Railroad History Project in Albany. Each video captures the strong emotional connections that New Yorkers have to their hometowns and heritage.

## Food not Bombs

Buffalo Food Not Bombs prepares shares a free vegan meal with anyone who is hungry at Lafayette Square on Mondays and Saturdays from 1 to 2 p.m. Volunteers are ALWAYS welcome! Food Not Bombs shares food as a form of political protest, drawing attention to the fact that society fails to provide food and housing for all people, while hundreds of billions of dollars are given to fund wars and state violence. For info, foodnotbombs

## Hemlock Woolly Adelgid Educational Video

The New York State Hemlock Initiative is sharing an educational video to inform the public about their efforts to conserve New York State's hemlock resources in the face of multiple threats, particularly that posed by an invasive pest, the Hemlock Woolly Adelgid. Mortality due to Hemlock Woolly Adelgid (HWA) in New York has increased at an alarming rate recently. For info, visit here. View video at https://www.youtube.com/watch?v=AupnMjYaI0Q

## Riverkeeper Seeks Volunteers for Gill Creek Restorattion

Buffalo Niagara Riverkeeper has received funding from the US Forest Service GLRI to work on riparian planting to reduce stormwater runoff in Gill Creek in the City of Niagara Falls. There will two planting Fall 2016 and more plantings over the next 3 years. We will need volunteers to help plant a mixture of native trees and shrubs. Please Register for the planting events. The first event is Saturday, October 1st from 9am-12pm: REGISTER NOW

## Change Food Video Library

Change Food is pleased to announce the official launch of The Change Food Video Library. The Library consists of a growing database of the best short-length videos on various topics infood and farming, including talks from Change Food, The Real Food Media Project, TED, TEDxManhattan and other TEDx events. The Library has also developed an online event guide to help anyone around the world organize and host their own video event, whether it be a lunch time video club or an all day extravaganza.

## USDA Toolkit to Assess Economic Impact of Local Foods

This new USDA toolkit will help communities and businesses evaluate the economic benefits of investing in local food systems. It was developed by the Agricultural Marketing Service (AMS) to help communities reliably evaluate the economic impact of investing in local and regional food systems. The Local Food System Toolkit provides detailed guidance in seven modules to measure and assess the expected economic impacts of local food investments. The toolkit can be downloaded as a PDF here.

## Anglers Need to Watch for Lake Sturgeon in the Great Lakes and Oneida Lake

DEC staff have received numerous reports of lake sturgeon (*Acipenser fulvescens*) caught by anglers targeting walleye. With ongoing restoration efforts, anglers need to be aware that Lake sturgeon are listed as a threatened species in New York, therefore, there is no open season for the fish and possession is prohibited. Anglers should not intentionally target these rare fish. If an angler catches a sturgeon, they should move to another area or change fishing gear to avoid catching another. Anglers who do unintentionally hook one should follow practices to ensure that the fish are returned to the water unharmed. Anglers are likely to encounter sturgeon during the spring when the fish gather to spawn on clean gravel or cobble shoals and in stream rapids. Sturgeon spawn in New York in May and June when water temperatures reach 55 to 64°F. Females release as many as 7,000 eggs per pound of fish. Male sturgeon become sexually mature between eight and twelve years of age and may live as long as 55 years. Females become sexually mature between 14 and 33 years of age and live as long as 80 to 150 years. For further information visit the DEC and U.S. Fish and Wildlife Service websites links at Lake Sturgeon Fact Sheet, Endangered & Threatened Fishes of New York, Lake Sturgeon Restoration.

## Regional Greenhouse Gas Initiative Report Released

The Regional Greenhouse Gas Initiative (RGGI) released a report summarizing energy use data for the nine Northeast states participating. The report covers the period from 2005 through 2014, for electricity generation, net electricity imports, and related carbon dioxide (CO2) emissions. This report tracks electricity generation, net electricity imports, and related CO2 emissions during the three-year current period of 2012 to 2014 relative to 2006 to 2008, a three-year base period prior to the implementation of the RGGI program. The observed trends in electricity demand, electricity generation, and net electricity imports show there has been no significant change in CO2 emissions or the CO2 emission rate (pounds of CO2 per megawatt hour or lb CO2/MWh) from total non-RGGI electric generation serving load in the nine-state RGGI region during the period of 2012 to 2014 when compared to the base period. There have been reductions in the annual average electric load and annual average electric generation from all sources in the nine-state RGGI region from 2012 to 2014. To access the full report, visit http://rggi.org/docs/Documents/Elec_Monitoring_Report_2014.pdf

## Grants for Municipalities for Electronic Waste Recycling

Governor Andrew M. Cuomo announced that $3 million is available from the Environmental Protection Fund in grants to assist municipalities in New York State with recent, unexpected costs of collection and recycling of eligible electronic wastes. New York State consumers are required to recycle electronic waste, such as computers, keyboards, televisions, and small electronic equipment, in an environmentally responsible manner. These grants, part of the FY2017 State Budget's record $300 million investment in the Environmental Protection Fund, will mitigate the growing unexpected financial costs so that municipalities can recycle electronic waste efficiently and sustainably. This grant program will be administered through the New York State Department of Environmental Conservation's Household Hazardous Waste State Assistance Program. Municipalities will be eligible for reimbursement of up to 50 percent of eligible expenses incurred for collection and recycling of e-waste between April 1, 2016 and March 31, 2017. Application materials, guidance documents, and important information for Electronic Waste Assistance Grants are available on the Department of Environmental Conservation website. The Department of Environmental Conservation will accept applications for funding from **October 3 to October 31, 2016.**

## Clean Energy Communities in New York State

Clean Energy Communities is a $16-million initiative to help local governments across the state reduce energy consumption and drive clean energy use in their communities. Local governments that complete four out of ten identified High Impact Actions will earn the Clean Energy Community designation and access to grant funding to implement additional clean energy projects. To learn more, visit http://nyserda.ny.gov/cec.

## New Solar Device Removes Carbon Dioxide from the Atmosphere

A new type of solar-powered technology announced in the journal *Science* absorbs carbon dioxide from the atmosphere and uses sunlight to break it into a mix of carbon monoxide and hydrogen called synthesis gas or "syngas," that can be used directly or turned into diesel or other liquid fuels. The team aims to produce fuel at about $2 a gallon, a price that would be cost-competitive with gasoline.

## Melting Permafrost: Another Climate Change-Human Health Connection

A summer heatwave in Siberia has activated long-dormant anthrax bacteria, making more than 40 people sick and killing one child and more than 2,300 reindeer. The outbreak may be due to a thawed infected reindeer carcass from decades ago. As permafrost melts worldwide, there is increasing risk of deadly infections returning as victims of infections are thawed. For info, visit permafrost.

## Evans Receives $172,000 EPA Funding for Green Infrastructure

The Environmental Protection Agency awarded a $172,125 Great Lakes Restoration Initiative grant to the Town of Evans, New York to fund green infrastructure projects to improve water quality entering Lake Erie. The town will use these funds to install rain gardens and bioswales, which are tracts of land designed to manage drainage, in Evans Town Park to reduce bacteria at the beach and prevent approximately 221,000 gallons of untreated stormwater from reaching Lake Erie. In 2014, the Evans Town Park beach was closed on 31 days of the 66-day beach season due to water pollution occurrences. The Great Lakes Restoration Initiative was launched in 2010 to accelerate efforts to protect and restore the largest system of fresh surface water in the world. It is the largest investment in the Great Lakes in more than two decades. For more information about the Great Lakes Restoration Initiative, visit http://www.glri.us.

## New Farm Worker Protection Standard

The federal Environmental Program Agency (EPA) issued a new Worker Protection Standard (WPS) rule, which affects farms on which pesticides are used in the production of agricultural crops. A majority of the rule revisions will go into effect on January 2, 2017. Detailed information about these changes can be found on the EPA website athttps://www.epa.gov/pesticide-worker-safety/revisions-worker-protection-standard. DEC plans to have a number of outreach sessions this summer and autumn pertaining to the new requirements found in the WPS. These training sessions are intended for those who use pesticides at agricultural facilities growing crops, and for owners/managers of farms that are responsible for the use of pesticides at their facilities. Recertification credits will be available to those individuals certified to apply pesticides to agricultural crops. These outreach sessions will be posted on the DEC Public Events Calendar at http://www.dec.ny.gov/calendar/ and the NYSPAD Course Calendar at http://www.dec.ny.gov/nyspad/find?1&tab=COURSES.

## New Technology to Clean Water

A new technique has been developed that uses graphene oxide sheets to transform dirty water into drinking water. This new approach combines bacteria-produced cellulose and graphene oxide to form a bi-layered biofoam. A paper detailing the research is available online in *Advanced Materials*. The concept uses sunlight which evaporates dirty water using the filter and then collects the clean water. The cellulose at the bottom of the bi-layered biofoam acts as a sponge, drawing water up to the graphene oxide where rapid evaporation occurs. The resulting fresh water can easily be collected from the top of the sheet. https://source.wustl.edu/2016/07/dirty-to-drinkable/

## Web-based Tool to Assist Natural Area Managers in Invasives Management

The Invasive Plant Management Decision Analysis Tool (IPMDAT), developed by The Nature Conservancy, helps natural resource managers to determine if an invasive plant control project is likely to be successful and if it warrants an investment of their agency's or organizations resources. The IPMDAT is available as an online tool at www.ipmdat.org. The Nature Conservancy and the NY Natural Heritage Program worked with the developers of iMapInvasives to create a web-based, step-by-step process to select and document the most strategic option for individual projects. This tool is freely available to everyone, and uses your browser's cache to save and print up to three projects at a time. If you have an iMapInvasives account, you have the option to save the results of your project evaluation for others to view. Please visit www.ipmdat.org to begin thinking through your potential projects, whether large scale management decisions or backyard issues.

## Building "Blocks" from Recycled Ocean Plastic

Plastic is everywhere and only a fraction is recycled, with between 5-14 million tons of plastic ending up in our oceans each year. A new U.S.-based startup, ByFusion, has a novel solution to address this plastic waste pollution by turning it into construction material. Using their patented process, they compress the trash into construction-quality bricks called RePlast. The compressing equipment is small, mobile enough to fit inside of a shipping container, the process is almost entirely carbon neutral, and the density and shape of the blocks is customizable. Plastics do not need to be sorted or washed before compressing. For more info, http://www.curbed.com/2016/8/1/12335500/recycled-plastic-bricks-byfusion-replast-ocean-trash

## Fungi Recycle Rechargeable Lithium Ion Batteries

While rechargeable batteries can be charged multiple times, they eventually need to be replaced. Rather than tossing these in the landfill and losing their valuable compounds, researchers have found naturally occurring fungi to drive an environmentally friendly recycling process to extract cobalt and lithium from tons of waste batteries. Other recycling and metal separation methods require high temperatures and harsh chemicals. The scientists have found fungi that generate oxalic acid and citric acid and enable the metal extraction. Read more at: http://phys.org/news/2016-08-fungi-recycle-rechargeable-lithium-ion-batteries.html#jCp

## Clothes Made from Manure

A Dutch designer creates a fashion line made from cow manure–derived bioplastic in an effort to reduce water pollution and methane emissions. Jalila Essaidi responded to a need to reduce animal waste by developing a process which removes cellulose and acids from cow manure and turns them into a biodegradable plastic. Fortunately, the plastic doesn't retain the smell from the dung! For info, visit http://mestic.eu

## Microdevice Uses Sunlight to Disinfect Water

Stanford University and SLAC National Accelerator Laboratory scientists have developed a device that harnesses the sun's light to disinfect water in 20 minutes flat. The small black rectangle is covered in nanostructured molybdenum disulfide. When the device is placed in water and exposed to the sun, it reacts forming hydrogen peroxide and other antibacterial chemical which dissipate and leave disinfected water behind. The technology still requires more research to determine which bacteria can be eliminated using this process. More info at disinfection

## Pacific Institute for Climate Solutions Offers Online Climate Courses

Climate Insights 101 is a short course series designed to provide users with an in-depth understanding of climate science and related issues. Climate Insights 101 is produced as a series of modules, each with several animated lessons. To learn more, visit: courses.

## New Federal Toolkit Provides Guidance for Citizen Science Programs

The recent Open Science and Innovation Forum at the White House launched the release of the Federal Crowdsourcing and Citizen Science Toolkit. The Toolkit provides guidance for federal agencies to design, carry out, and manage citizen science projects. Learn more about the new toolkit.

## Environmental Working Groups Guide to Healthy Cleaning

Environmental Working Group's Guide to Healthy Cleaning now provides detailed information on more than 2,500 products, letting you easily find out about the health hazards and ecological concerns associated with the thousands of chemicals in cleaners. Check it out at **EWG's Guide to Healthy Cleaning.** You can also download their app.

## New report: Farming for the Future

Friends of the Earth released a new report, Farming for the Future: Organic and Agroecological Solutions to Feed the World. The report addresses three common myths about world hunger and details the science that demonstrates that organic and agroecological farming are fundamental to feeding all people, now and into the future. Read the executive summary or full report.

## Watch Doug Tallamy's presentation online

If you missed Doug Tallamy when he came to speak in Buffalo in May, you can still hear his message. In his talk, Doug describes how you can impact our delicate ecosystems and your own well-being by planting native plants in your yard**.** ***Watch now!***

## Bird App Available

Audubon has released an updated version of the Audubon Bird Guide app and it's now free to bird lovers nationwide. With 821 species profiles and 3200-plus world-renowned bird photos, Audubon's award-winning app instantly turns any mobile device into the most trusted field guide in North America. To download the Audubon Bird Guide, go to:www.audubon.org/apps. The free app also provides a great new way to engage more people in becoming active participants in conservation action. Find a toolkit of resources on Audubon Works to help you share the free app with your members and supporters. The toolkit includes tips and tricks for using the app, email and social copy and images, ecards, a poster, and a captivating video.

## All About Birds: Interactive Learning

Here's a fun way to learn about bird anatomy. Cornell's Institute of Ornithology has created Bird Academy with an interactive tool that allows you to study the anatomy of a bird and place more than 100 parts in the proper location. Start building your bird here. To enjoy the spectacular diversity of bird life while exploring the artistry of the Cornell Lab's new mural, Bird Academy's new Wall of Birds interactive invites you to view the painting in its entirety and zoom in on any of the 270 species to appreciate each brushstroke. One click uncovers each creature's way of life, voice, and range—all powered by recordings from the Macaulay Library and dynamically-updated observation maps from eBird.

## Become a Watershed Sleuth

EPA and the National Environmental Education Foundation announced a new resource for students to learn how to help solve water quality problems— by becoming a Watershed Sleuth! Students and citizen scientists can try to build their own aquifers and take an online interactive quiz to find local water wasters. Children, families, K-12 school groups, and others can earn a different digital badge for each lesson they complete and show off their watershed knowledge. Start the challenge today. (https://www.neefusa.org/watershed-sleuth)

**Fall Case Study Teaching in Science Conference**

The annual Fall Case Study Teaching in Science Conference will be held **September 16-17, 2016**, in Buffalo, NY. The conference offers sessions for both the beginner and advanced case study teacher and is formatted for college and high school teachers. In addition to our distinguished group of session teachers, we have brought in a noted scholar to address the general conference, Lolita Paff, Associate Professor, Business and Economics, Penn State Berks, to present on Classroom Interaction to Promote Learning. Workshop sessions this year will cover alternative assessments in large lecture classes, addressing misconceptions with case studies, promoting discipline-based oral communication, flipped cases, and much more! The conference is open to anyone interested in science education, including high school teachers and international teachers. It also includes a poster session and we would be pleased if you submitted a proposal by September 1, 2016. Register now at workshop

**Upcoming Exams for State Jobs**

For a schedule of exams for state jobs, visit https://www.cs.ny.gov/announ/tentative_schedule.cfm. Register for the Oct. 29 Environmental Analyst 2 exam by Sept. 14. Forest Ranger and Environmental Conservation Officer Trainee exams are offered in November. Subscribe to receive an e-mail notification of the issuance of new civil service announcements. To become an Environmental Conservation Officer, take the civil service exam tentatively scheduled for November 19 (register by Oct. 5).

## Teacher's Resources

Flipside Science is a youth-powered series that tackles complex environmental topics and empowers viewers to make a difference. This engaging and upbeat collection of videos, hosted by California Academy of Sciences youth, explores how local communities are addressing environmental problems with solutions ranging from vertical farming to greywater recycling.

Changing Circumstances: Looking at the Future of the Planet from Literacy through Photography is a free curriculum for grades 5-8 that focuses on issues of global sustainability and humanity's changing relationship to the world around us, as well as the economic, social, and personal impacts of those changes. Image Galleries include Climate Change, Globalization of Natural Resources, and New Technology.

Cool Science Jobs provides real stories about "cool" jobs using science to help inspire the next generation. They also include vocabulary and can be used as mini-lessons in the classroom.

The Story of Climate Change, an interactive textbook for Grades 5-8 is available for download with iBooks on your Mac or iOS device. Students watch glaciers melt, dive into the world's coral reefs, and explore bike-share programs all from their tablet! The Story of Climate Change is the first interactive iTextbook for middle school students.

Think It Up invites public school students in grades 7-12 to develop student-powered, teacher-led, crowdfunded learning projects that address real-world problems, generate new ideas, and prepare for 21st-century challenges.

Keep Wild Animals Wild lesson plans, videos and worksheets provide everything educators need to introduce students to what makes wild animals wild, why wildlife trade is a big threat not just to animals and ecosystems, but to people too, and how to help keep wild animals wild.

Black bear curriculum - provides of free multimedia resources on black bears for educators and students.

Sustainability in Schools Simulation Game- The Education for Sustainability program has designed a simulation game to show how to identify sustainability related projects that make financial sense and weave them together into a coherent strategy that takes advantage of synergies. It also shows how to use those projects in curriculum.

12 Pathways to Greening Your School is designed for you to use September - June (1-10) with two serving as year-round learning tools. But, you can put them in any order that aligns with your program. If you'd like to have access to all of these Pathways please become a FREE MEMBER NOW!

Faces of EPA-Learn about careers in the EPA and get to know EPA staff. The videos spotlight employees ranging from special agents, to ocean explorers, and others as they explain their career paths and passion for their work.

Living Schoolyard Month DIY Lake Science App-Investigate freshwater ecosystems where you live with this new DIY Lake Science App from UC Berkeley's Lawrence Hall of Science, funded by the National Science Foundation.

Project Localize is a customizable curriculum for students and teachers to explore sustainability locally while building knowledge and skills in research, math science, digital technologies, and art through project-based learning. Students participate in field trips to visit local food producers as they employ journalistic practice in gathering the information for their artwork.

Dr. Seuss's The Lorax activity book is one of EPA's most highly sought after publications and is available for free to schools and classrooms around the country.

Energy Research and Education Mapping Tool is a free online mapping tool that allows users to map existing and potential energy resources in the 39 states in the eastern United States. Users can run site-suitability analyses for biomass, solar, water, wind, natural gas, geothermal, and nuclear power development, map existing energy resources and environmental characteristics that impact energy development, create a custom map of their region using an extensive database of mapping layers, and search over 2,000 related policies and incentives.

Raptors in the City is a real-time, inquiry-based science and technology program that stars the peregrine falcon. The peregrine has recovered from near extinction and was removed from the List of Endangered Species in 1999. The online portion of Raptors in the City guides children through nesting season as they watch the still rare falcons live via cameras mounted on a skyscraper.

Getting the Picture: Our Changing Climate-The adventures of scientist-photographer James Balog and the Chasing Ice team come to life in a newly released climate science education resource which provides a unique, interactive, multimedia experience for students and educators to learn about the latest climate science and witness real-world changes occurring around the world.

SMILE: New STEM Activities for Educators is an award-winning, free access collection of nearly 4,000 STEM education activities. Many activities are grouped by topics with environmental themes including energy, climate, life sciences, and ocean literacy. Activities are also aligned with standards and principles such as the Climate Literacy Principles, Ocean Literacy Principles, and U.S. DOE Energy Literacy framework.

Brazil and the Amazon - Wildlife Film Script Activity (7-11 years): Children will be introduced to the topics of Brazil and the Amazon before using fact sheets to research and write a script for their own wildlife film about an endangered species from the Amazon.

Technology in Environmental Education Course-This eight-week (self-paced) online course is designed to get you up and running with technologies you can use immediately in your organization and environmental programs. Choose the technologies you want to learn. You can focus on mobile and non-mobile tools to enhance your education programs, or focus on social media apps for marketing your programs. Or you can focus on both!

New Enviro App: Habitat the Game-The Wildlife Conservation Society and Rainforest Alliance have created this new app for kids to save virtual endangered species and reduce their carbon footprint while on real-life missions. Designed for seven to 12 year-old players, Habitat encourages care of virtual endangered animals while they earn points by completing real-life missions, like recycling or visiting a park or zoo.

Free ArcGIS for K-12 -Esri is providing free ArcGIS Online subscriptions for instuctional use for all K-12 schools in the United States as part of the White House's ConnectED initiative. Resources to help schools get started with ArcGIS Online are available here.

PlanetExplore-Find outdoor activities and events in your area through this portal to the outdoors designed to inspire and enable people of all ages to become regularly active outside, and to gain a connection to nature.

The CLEAN (Climate Literacy and Energy Awareness Network) collection is a searchable database for teachers to find online activities, videos, and graphics on climate and energy education. Teachers may sign up for the newsletter with updates on educational policies, discussions with experts, events, and weekly telecons.

Green Technology: Sustaining the Earth is designed for Grades 6-12 . Use this interactive activity to offer your students an overview of innovation in green technology and insight into various areas of research within the field.

"Appetite for Adventure: Exploring Global Food Sustainability"- This standards aligned, multimedia presentation will showcase cutting-edge sustainable food projects from around the world, introducing students to the local and global connections between food production, consumption, and climate change.

Architecture 2030 is appropriate for Grades 9-12. Learn about this architect's efforts to protect the environment by changing the way buildings are planned, designed, and constructed.

Affordable Green Housing is designed for Grades 9-12 to consider the role habitat plays in fostering diverse, vibrant social structures in well-designed, integrated communities.

Birds Without Borders involves kids in investigations using eBird and other datasets and culminates in their devising conservation initiatives based on themes in Partners in Flight's *Saving Our Shared Birds* report. Includes two free downloadable lessons, one on the ecological role of birds and the other on conservation planning.

Bird Sleuth for K-12. Kits and resources for learning more about birds.

## Contests and Awards

The Climate Leadership Awards is a national awards program that recognizes and incentivizes exemplary corporate, organizational, and individual leadership in response to climate change. The awards highlight leadership in addressing climate change by reducing carbon pollution and implementing adaptation planning initiatives. Applications due by **September 26, 2016.**

The National Wetland Condition Assessment Campus Research Challenge gives graduate students the opportunity to use data and innovative research for wetlands assessment and management. EPA will award up to $30,000 including a grand prize of $5,000. Proposals are due **September 30, 2016**.

Big Pitch Competition-Call for Solutions from Collegiate Innovators, Seeking Undergraduate & Graduate Innovations That Improve Economies, Health, and the Environment, fitting under the Theme of Sustainability. $10,000 prize. Deadline: **September 30**.

Community Grants Program NYS Pollution Prevention Institute funds projects that raise awareness and understanding of pollution prevention practices and lead to implementation at the local level. Deadline: **September 30**.

Grinnell College Innovator for Social Justice Prize honors individuals who have demonstrated leadership in their fie who show creativity, commitment, and extraordinary accomplishment in effecting positive social change. Each prize an award of $100,000, half to the winning individual(s) and half to their organization. Candidates for the Grinnell Pr be nominated by a third party. Deadline:| **October 9**

Sustainability Challenge Scholarship- Applicant(s) are required to submit a proposal that presents an innovative sustainability initiative for the management of solid waste. The proposal should contain a description of the initiative feasibility analysis, an implementation plan for integrating the initiative into their community (college, dorm, town, etc.), and applicable references to support the information presented in the proposal. Deadline: **April 1, 2017**

# Grant and Scholarship Opportunities

FCYO Moment to Movement Fund will provide one-year grants to youth organizing groups responding to the current moment in ways that build long-term power for low-income young people and young people of color. Given the current moment, priority will be given to proposals for black-led organizing, police accountability, immigrant rights, LGBTQ rights, and non-partisan voter engagement, but are open to other proposals that respond to current threats and opportunities. Both established and new organizations are eligible. Grants will range from $10,000 - $25,000. This is a onetime grant program and may not be repeated next year. Deadline: **September 9**

Preservation Technical Assistance Grants are now available to eligible municipalities and not-for-profit organizations to compete for Technical Assistance Grants (TAG), a signature grant program of the Preservation League of New York State and the New York State Council on the Arts (NYSCA). Deadline: **Monday, September 12.**

Funding to Address Climate Change Impact on US Agriculture - The U.S. Department of Agriculture's (USDA) National Institute of Food and Agriculture announced the availability of $8.4 million to study and develop new approaches for the agriculture sector to adapt to and mitigate the effects of climate change. The funding is available through NIFA's Agriculture and Food Research Initiative (AFRI). Applicants for fiscal year 2016 should focus on how land-use affects and is affected by climate change. Climate masters outreach and extension applications are due **September 14**. Applications are due **November 17** for climate and land use projects.

AT&T Small Business Grant-AT&T is looking for innovative ideas from individuals, small businesses, start-ups, think tanks, anyone with a great plan or idea. Package your idea into a concise two-minute video, submit it before the end of the year, and you will have a chance at a $1,000 grant. Deadline: **September 15, 2016.**

Fund for a Just Society Grants-The Unitarian Universalist Funding Program will award grants to non-Unitarian Universalist groups in the U.S. and Canada that use community organizing to bring about systemic change leading to a more just society; mobilize those who have been disenfranchised and excluded from resources, power and the right to self-determination; and have an active focused campaign to create systemic change. The maximum grant is $15,000. Most grants are between $6,000 and $8,000. Deadline: **September 15**

New York Sea Grant and DEC Requesting Proposals for Small Grants Program to benefit the environment and economy of New York's Great Lakes basin. Grants of up to $25,000 will be awarded for projects that implement Goal #5 and/or Goal #7 of the Great Lakes Action Agenda. Proposals are due by **September 23, 2016**.

Disney Summer of Service Grants- Youth, ages 5-18, in the U.S. are eligible to apply for Disney Summer of Service grants by submitting service project ideas. Hundreds of youth-led service projects will be selected and $500 grants will be awarded to each winner's sponsoring organization to assist with the implementation of the project. Deadline: **September 30.**

Kids In Need Foundation Teacher Grants program is dedicated to empowering educators with direct funding to conduct innovative learning experiences. This year, Kids in Need Foundation will provide grants ranging from $100 to $500 through eight different grant programs. Deadline: **September 30.**

National Science Foundation Environmental Sustainability program is to promote sustainable engineered systems that support human well-being and that are also compatible with sustaining natural (environmental) systems. These systems provide ecological services vital for human survival. Research efforts supported by the program typically consider long time horizons and may incorporate contributions from the social sciences and ethics. The program supports engineering research that seeks to balance society's need to provide ecological protection and maintain stable economic conditions. Deadline: **October 20.**

Transportation Alternatives Program (TAP) and Congestion Mitigation and Air Quality Improvement (CMAQ) Program has funding to support bicycle, pedestrian, multi-use path and transportation-related projects and programs as well as projects that reduce congestion and will help meet the requirements of the Clean Air Act. Workshops will be offered statewide on application process. Deadline: **October 21**.

Electronics Waste Collection Grants for Municipalities to assist municipalities in New York State with recent, unexpected costs of collection and recycling of eligible electronic wastes. Deadline: **October 31, 2016.**

NEA Student Achievement Grants and Learning and Leadership Grants. Applications reviewed **February 1, June 1, October 15**. Public school K-12 or College/University teachers or support staff. $2,000 for individuals or $5,000 for groups to improve the academic achievement of students in U.S. public schools and public higher education institutions in any subject area or for professional development for educators.

Wells Fargo Clean Technology and Innovation Grant Program funds projects and programs related to research and development for new and emerging clean technologies by working with universities, colleges, research institutes and laboratories as well as entrepreneur incubator, accelerator and business plan competitions. If you would like to submit a topic for consideration provide a brief description (150 words or less).

Toyota Every Day Capacity Building Grants- Up to $5000 for 25 Public Lands Friends' groups in each cycle. Projects that are needed and will help contribute to the long term sustainability of the organization. Deadlines: **April 30 and October 30**.

American Honda Foundation supports nonprofit organizations and educational institutions nationwide that address the areas of youth and scientific education. The Foundation's primary funding priority is youth education, specifically in the areas of science, technology, engineering, mathematics, the environment, job training, and literacy. Annual application deadlines: **February 1, May 1, August 1 and November 1.**

N. G. Kaul Memorial Scholarship will be offering up to $5000 in scholarships to students pursuing graduate or doctoral degrees in environmental/civil engineering or environmental science concentrating on water quality who show a commitment to government service. Deadline is **February 28, 2017**.

The Karma for Cara Foundation is encouraging kids 18 and under to apply for funds between $250 and $1,000 to complete service projects in their communities. **Deadline: Rolling.**

Cedar Tree Foundation- Letters of Inquiry Accepted at Any Time. Areas: Environmental Education, Environmental Health, Sustainable Agriculture.

VolunTEEN Nation International Service Project Grants- Students (ages 13-22) from the US going abroad to volunteer or study in a developing country are encouraged to apply for an international service-learning mini-grant from VolunTEEN Nation. Grants are for up to $300 to create a service project in a developing country while you are visiting that country. **Deadline: Rolling.**

KEEN Effect is committed to inspiring responsible outdoor participation to help preserve the places we all play. Through the KEEN Effect, $10,000 grants are awarded to nonprofit organizations around the world who are dedicated to responsible outdoor participation. Projects must increase responsible outdoor participation as a way to work towards building a strong community. **Deadline: Ongoing.**

Everyday Young Hero Award-Everyday Young Heroes are young people, ages 5-25, who are improving their communities through service to others and making significant progress in achieving the UN's Sustainable Development Goals (SDGs). Each week, YSA selects one young person to receive this honor and receive $250 grants to continue and expand their project. **Deadline: Rolling**

The Fruit Tree Planting Foundation is dedicated to planting fruitful trees and plants to alleviate world hunger, combat global warming, strengthen communities, and improve the surrounding air, soil, and water. FTPF programs strategically donate orchards where the harvest will best serve communities for generations. **Deadline: Rolling**.

WalMart Community and Education Grants . Rolling Deadline, but minimum 6 month lead time advised. 501 (c) (3) organizations, schools, religious organizations and government agencies for requests over $250. For requests under $250, get a local donation form from your nearest Walmart at the customer service desk.

Environmental Research and Education Foundation. Open. All educational materials for sustainable solid waste management, including conferences or events, which advance the foundation's educational mission. Grants are typically not provided to support the development of educational projects.

Toshiba America Foundation. Rolling deadline. Grades 6-12 Teachers. Under $5,000. Inquiry based projects designed by teachers and teacher teams for use in the classroom. Deadline for grants over $5,000 is August 1.

KaBOOM! Let's Play Engineered Wood Fiber Surfacing Grants and Let's Play Maintenance Grants- awards grants of $750 each to communities who wish to top-off their Engineered Wood Fiber safety surfacing or who are working to make their existing playgrounds cleaner, safer and more inviting. Rolling deadlines.

J-Serve Start-Up Grants-J-Serve is the International Day of Jewish Youth Service. Grants are available for $500 micro grant to communities that plan and execute projects that bring a minimum of 10 and maximum of 74 Jewish teens together in partnership with a least two movements or agencies in the community. Rolling deadline.

World We Want Foundation is accepting applications from organizations that represent youth making positive social change in their communities and around the world. Grants of up to $5,000 will be awarded to youth between the ages of 13 and 25 who want to make a difference through a range of social action activities, including community service projects, service-learning projects, and social ventures. Application deadline: Rolling.

The Coca-Cola Foundation partners with nonprofits that address priorities focusing on one of the following: Water Stewardship, Healthy and Active Lifestyles, Community Recycling and Education. Rolling deadlines.

Kresge Foundation's Healthy Environments grant program seeks to improve the health and well-being of vulnerable populations by making the places they live, learn, work and play safe and conducive to overall good health. Applications are currently being accepted for the Healthy Homes Initiatives, Transportation and the Built Environment Initiative and the Healthy Food Initiative. Application deadline: Rolling.

Niagara Falls National Heritage Area supports important projects and programs throughout the National Heritage Area with the long term goal of realizing community betterment. Grants are targeted to fund projects or programs that directly relate to the Niagara Falls National Heritage Area Management Plan.

Cisco Global Impact Cash Grants support nonprofit organizations in the U.S. and worldwide that provide assistance to underserved populations and leverage technology solutions to improve the reach, efficiency, and impact of services. Take the Eligibility Quiz to see if you can apply.

Technical Assistance Grant Information-The New York State Department of Environmental Conservation (DEC) is continuously accepting applications for Technical Assistance Grants (TAGs). TAGs are a citizen participation tool available to eligible community groups to increase public awareness and understanding of remedial activities taking place in their community. Eligible community groups may apply to receive grants for up to $50,000 per site.

## Employment and Internship Opportunities

Aquarium of Niagara Internships-Opportunities for high school or college students to work with marine mammals, fish, penguins and turtles. Certain requirements must be met.

Buffalo First Intern- Paid 13 week internship, is responsible for the quarterly supporter outreach campaign, a quarterly public event and maintaining the Buffalo First Local business directory.

Clean Air Coalition Internships-The Clean Air Coalition is a grassroots environmental health and justice organization based in Buffalo, New York. It works to build power by developing grassroots leaders who run and win campaigns that advance environmental justice and public health in the region. All internships include some operations and administrative work. The Clean Air Coalition's internships are ideal for highly motivated individuals looking to deepen and practice their skills engaging community leaders in solving environmental health and justice organizations.

## Citizen Science

Hemlock Woolly Adelgid Project-Take closeup pictures of hemlock trees and fraser firs and send to scientists with GPS location data to monitor tree health and spread of the insect.

**The Great Lakes Marsh Monitoring Program-** is designed to collect information about the presence and abundance of bird and amphibian species in Great Lakes coastal and inland marshes, to contribute to our understanding of these species and their habitat needs. For information on assisting with local efforts, please contact: David Spiering, Regional Volunteer Coordinator Ecologist at Tifft Nature Preserve (716) 896-5200 ext. 202 dspiering@sciencebuff.org.

**Get Involved in Environmental Change in WNY**

The WNY Environmental Alliance (WNYEA) has working groups that welcome individuals who want to work on improving environmental issues in our area. Check out the alliance and see a list of working groups here .

## Upcoming Community Activities:

**Thursday, September 1**

**Wellness Walk at Tifft Nature Preserve**-10:00am - 12:00pm. Enjoy the fresh air and the sights and sounds of the season with a healthy, guided outdoor walk on our trails! Please call 716.825.6397 to confirm walk will be taking place. $2 donation per person appreciated.

**Thursday Evening Stress Reducer Paddle**- Come join the Paths, Peaks & Paddles guides. We meet out in Wilson at the Wilson Tuscarora State Park (Route 18 East of Niagara Falls) at 6:30pm in the back parking lot. We will either take a paddling trip on either the East or West Branch of Twelve Mile Creek. To top off the evening we paddle out to Lake Ontario and watch a spectacular sunset over Toronto 38 Miles away across the lake. The vibrant colors across the sky and mirrored on the lake is breathtaking. Here you can really appreciate Mother Nature and the beauty she shares with us. All are welcome if you have your own boat (canoe or kayak) there is no charge. If you need to rent one, the cost is only $30.00 per boat solo or $40.00 tandem delivered out to Wilson for you, includes paddle(s) and PFD(s). We will bring the rented boat out to you! RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

**Our Waters, Our Future Event** –6 to 9pm. Proceeds benefitting the restoration of Scajaquada Creek. This year we will celebrate at the beautiful waterfront location of Marcy Casino in Delaware Park, and will again offer free appetizers, beer, and of course, live music! tickets

**Nexus Natural Gas Grand Opening**-Nexus Natural Gas, 380 Grand Island Blvd., Tonawnanda, NY 10:30 AM Press Event, 11:00 AM - 2:00 PM Open House and Exhibits. Nexus Natural Gas is the result of a two- year journey by a small group of businesses to create a CNG filling station in Northern Erie County. The goal of Nexus is to provide easy access of natural gas to commercial and personal vehicles to use a cleaner, greener, and more efficient fuel source. **Register Here**

**Kayaking with Tina**-6:30 to 8:30pm at Beaver Island Nature Center. Join Tina, an ACA certified kayak instructor, for a beginner's class on Smartstart Paddling Orientation for your Kayak. Space is limited, sign up early. (Ask about borrowing a kayak for class) For information and registration call (716) 282-5154. *Registration:* Required

**Laudato Si, Care for our Common Home Workshop**-7pm workshop on how to save money and save the planet in response to Pope Francis' encyclical, *Laudato Si, Care for our Common Home* at Our Mother of Good Counsel, 3688 South Park Avenue, Blasdell, NY. The program will share information on how to get free energy audits of residential houses and how to get assistance in implementing the changes needed to make your home more energy efficient. Contact Sr. Sharon Goodremote, FSSJ for more information, 202-4706.

**Interfaith Climate Justice Invitation to Pray: A Season to Celebrate**- Please join the Interfaith Climate Justice Community of Western New York in an evening of prayer and celebration at 7:00 PM at First Presbyterian Church, 1 Symphony Circle, Buffalo, NY (parking available in the Kleinhan's lot)
Pope Francis, joined by other faith leaders, has called for a World Day of Prayer and Celebration of the Creation on September 1st of each year. In that spirit, the Interfaith Climate Justice Community of WNY is inviting all people who care for climate justice to come together to, in the words of Pope Francis, "renew our participation in this vocation as custodians of the creation.

**Orchard Park Garden Club Meeting**- 11:30 a.m. at the Orchard Park Presbyterian Church, 4369 S. Buffalo St., Orchard Park. Sign-ups begin at 11:30 a.m. with refreshments at noon and the program at 12:30 p.m. The program will be "Iron Chef – Flower Design Style." Members of the club will create designs from plant materials that they were not exposed to prior to the challenge. inf0

**Friday, September 2**

**Goat Island Adventure Walk**- 7:30-9:30pm at Niagara Falls State Park. Relax and unwind from the work week while walking around the oldest state park in the United States; NFSP became a park in 1885. Enjoy stories of yesteryears and today. End your walk with fireworks at 10:00 p.m. weather permitting. For information and registration call (716) 282-5154. *Registration:* Required

**Saturday, September 3**

**Free Kayaking Class**- 1 hr class with pre-registration required by calling 282-5154. Taught by state parks naturalist and certified kayak instructor. 11am, 1pm, 3pm at Beaver Island State Park.

**Stories in the Woods**-10am. Enjoy hearing a nature story, followed by a guided walk in the woods. For children ages 3 to 7. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

**Woods Walk: Summer's Harvest**-11am. Join a guided nature walk through the woods to look for the bounty at the end of summer. No registration required. Reinstein Woods Nature Preserve, Depew.

**Walk at Knox Farm State Park: "Sweepin' for Bugs" –** 9 to 10:30am. Use our insect nets to look for butterflies, moths, beetles, grasshoppers, dragonflies, spiders, etc. that hang around the park. Meet in main parking lot. Donations. www.buffaloaudubon.org

**Pokemon Go Birding**- 10am – 12pm at Times Beach Nature Preserve. If you like Pokemon Go, then Birdwatching might be your new favorite hobby! Come join the Buffalo Audubon Society as we search for birds while playing Pokemon Go! We'll bring the tools to help find and identify them, and even show you how to log them into your "Pokedex!" Meet at the Fuhrmann Boulevard Entrance. Pre-registration is required. Please call 585-457-3228 to register. Donations accepted.

**Observatory at Beaver Meadow**-7:30pm – 11:00pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center, NY 14082. The Buffalo Astronomical Association will take visitors on a guided tour of the night sky at the Observatory at Beaver Meadow.. Visitors are invited to bring their own equipment. Donations gratefully accepted. The Observatory is located close the parking area.

**Sunday, September 4**

**Family Walk at Beaver Meadow**- 2 to 3pm. Beaver Meadow Audubon Center, Java Center. Enjoy a guided walk led by one of our naturalists through the Preserve. Donations accepted.

**Trek Tifft**-2:00pm - 03:30pm. Drop in on Sunday afternoon for a guided tour of the Tifft Nature Preserve on our beautiful and accessible trails! All ages welcome. Please call 716.825.6397 to confirm walk will be taking place. $2 donation per person appreciated.

**Monday, September 5**

**Slow Roll Buffalo**-Free biking event for all ages. Meet at 5:30pm, roll out at 6:30pm. Locations change weekly. Register once annually if participating. Check for location at www.slowrollbuffalo.org.

**Labor Day at the Zoo**-Say "goodbye" to summer and "hello" to a fun-filled Labor Day at the Zoo! The event will feature exciting activities, animal feedings and more! Admission is only $2, with coupons available at your local Tops Friendly Markets. For more information, please call (716) 837-3900.

**Tuesday, September 6**

**Farm Tours at MAP**- 4pm. Learn about Massachusetts Avenue Project, our crops, our programs, view the grounds and greenhouses, and get a chance to talk with MAP staff about current projects. Please note that during construction of our new Farmhouse, tours may be postponed or cancelled due to safety concerns. Check our facebook or twitter for the most up-to-date information. From May 17-October 10*. Tours start promptly and last approximately 30 minutes. No reservation is necessary for groups smaller than 10. Wear comfortable shoes or boots and dress for the weather. Suggested donation is $2 per person. 389 Massachusetts Ave., Buffalo.

**Annual Tuesday Evening Stress Reducer Paddle**-Paths, Peaks and Paddles staff will lead the trip on Ellicott Creek! Whether this is your first time in a kayak or an "old has been paddler" it's a time to enjoy the water, meet some new people, talk to some old friends and relax for an evening. We meet at the store (1000 Ellicott Creek Rd. Tonawanda) at 6:00pm and take a paddling trip on Ellicott Creek up and around the big island. All are welcome, if you have your own boat (canoe or kayak), there is no charge. If you need to rent one, the cost for a solo boat is only $25.00 per boat or $35.00 for a tandem. The boat rental includes paddle(s) and PFD(s). RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

**Pelion Community Garden First Tuesday Workday**- 4 to 6pm, 206 Best Street, 14204. Every first Tuesday, Pelion welcomes students, parents, community members to assist with seasonal tasks: watering, weeding, transplanting, harvesting, mowing etc. We provide training and tools, but you might want to bring your own work gloves if you're particular. For info, call Caesandra, 803-5566, caesandra@gmail.com.

**Climate Change, Learn and Contribute: Become a Citizen Scientist Today-**Webinar at 7:30pm. Reserve Your Seat at: webinar. NOAA's Climate Stewards Education Project welcomes John McLaughlin, NOAA's Citizen Science Coordinator as our featured speaker. You don't have to be a professional scientist to contribute to our understanding of Earth's climate. Much of what we know about weather and climate is thanks to the involvement of the public. Today, there are many opportunities to study climate through citizen science, a form of open collaboration where members of the public participate in the scientific process to address real-world issues. These opportunities provide authentic learning experiences for their participants and stimulate a conservation ethic.

**2016 C-SAAHN 'IMAGINE' Lecture Series-** Noon to 1pm@ Downtown Buffalo & Erie County Public Library. http://buffaloah.com/h/center/lib/16lec.html for details and speaker confirmation. Speaker - Mary Jean Jakubowski, Director, B&ECPL

**Purple Martin Fall Roost Site Field Trip-**Buckhorn Island State Park, East-West Park Road, Grand Island, NY 14072, United States (map). At 6:45 PM, the BOS and the NYS Purple Martin Project are leading a Purple Martin Fall Roost Site Field Trip. The event is at Buckhorn Island State Park on Grand Island, NY (map link below). Meet at the large parking lot on East-West Park Rd. Thousands of martins typically congregate before going to roost in the reed bed in the Niagara River. Join us and see this exciting event! A non-strenuous, short walk is required. NOTE: There are no restroom facilities available at Buckhorn Island State Park. This link provides a map of the park showing the reed bed we will be viewing in the Niagara River: http://nysparks.com/parks/attachments/BuckhornIslandBuckhornIslandBCAMap.pdf

**Wednesday, September 7**

**Buffalo Bike N'Break**- 12:00 AM - 1:00 PM. Buffalo Bike N' Break rides noon to 1 pm every first Wednesday of the month (also possibly 10/5). Meeting place will be the Pulaski memorial statue outside of the Ellicott Square Building–corner of S Division and Main. Some of the places we ride to are RiverWorks, Larkinville, Allentown, LaSalle Park, Erie Basin Marina, and are always looking for new ideas. Follow them @bflobikenbreak on Twitter or email Danielle at motardmom1975@yahoo.com with questions, etc.

**"45 Gardening Tips in 45 Minutes"-** Connie Oswald Stofko, publisher of Buffalo-NiagaraGardening.com, will present at the meeting of the Barker Garden Club at 7 p.m. in the Barker Public Library, 8706 Main St., Barker. Stofko will share 45 tips that she has come across while writing for Buffalo-NiagaraGardening.com, the online gardening magazine for Western New York. Stofko received a national award, the top award in the category of E-newsletter Overall presented by GWA: The Association for Garden Communicators. This award, called the 2016 Media Award Silver Medal of Achievement, recognizes those who achieve the highest levels of talent and professionalism in garden communications.

**Public Meeting for EPA Plan for Cleanup at Eighteen Mile Creek Superfund Site in Lockport**-7:00 pm, 4-H Training Center, Niagara County Fairgrounds, Contact: Michael Basile (716) 551-4410, basile.michael@epa.gov. The U.S. Environmental Protection Agency has proposed a plan that calls for a variety of actions to address contamination in the Creek Corridor portion of the Eighteen Mile Creek Superfund Site, in Lockport, N.Y. The Creek Corridor is approximately one mile in length and extends from the Erie Canal to Harwood Street in the City of Lockport. The Creek and several adjacent properties are contaminated with polychlorinated biphenyls (PCBs) and other contaminants, including lead. PCBs can affect the immune, reproductive, nervous and endocrine systems and are potentially cancer-causing**.** This portion of the site cleanup would cost an estimated $23 million. The Proposed Plan can be accessed directly at https://semspub.epa.gov/src/document/02/393244

**Thursday, September 8**

**WNY Herpetological Society Meeting**-6:45 pm. For general meeting information, and directions to the Julia Boyer Reinstein Library, you can visit the Monthly Meetings main page. Come meet the LIZARDS, and learn how to take care of them! SPEAKER: Brittany Kay, HOPE.ducational Network.

**Wellness Walk at Tifft Nature Preserve**-10:00am - 12:00pm. Enjoy the fresh air and the sights and sounds of the season with a healthy, guided outdoor walk on our trails! Please call 716.825.6397 to confirm walk will be taking place. $2 donation per person appreciated.

**Thursday Evening Stress Reducer Paddle**- Come join the Paths, Peaks & Paddles guides. We meet out in Wilson at the Wilson Tuscarora State Park (Route 18 East of Niagara Falls) at 6:30pm in the back parking lot. We will either take a paddling trip on either the East or West Branch of Twelve Mile Creek. To top off the evening we paddle out to Lake Ontario and watch a spectacular sunset over Toronto 38 Miles away across the lake. The vibrant colors across the sky and mirrored on the lake is breathtaking. Here you can really appreciate Mother Nature and the beauty she shares with us. All are welcome if you have your own boat (canoe or kayak) there is no charge. If you need to rent one, the cost is only $30.00 per boat solo or $40.00 tandem delivered out to Wilson for you, includes paddle(s) and PFD(s). We will bring the rented boat out to you! RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

**Homesteading: Seed Saving-** 6pm. The fun series of do-it-yourself classes will help get you started on the path to becoming more self-sufficient. Take one class or all 9 (future Thursdays)! All class supplies are included with the class fee unless otherwise noted. You MUST preregister and pre-pay for each class and class sizes are limited. Contact Amanda for more information at 433-8839 ext. 231 or by email app27@cornell.edu. Cornell Cooperative Extension of Niagara County provides equal program and employment opportunities. $15. Learn how to save seeds from your favorite heirloom and open pollinated plants, determine when to gather them and create seed saver envelopes to organize your seeds for the next growing season.

**New Volunteer Training at the Buffalo and Erie County Botanical Gardens**- 10 a.m. to 2 p.m. at 2655 South Park Ave., Buffalo. You might train as a horticulture volunteer and work inside and outside the greenhouses on plant projects. Or you could help maintain the facilities with carpentry, electrical and maintenance work. Maybe you'd prefer administrative support work doing office and computer tasks. Or you could work in the Gift Shop. There are volunteers who help out during special events and weddings. You could also train as a docent in the education department, doing hands-on activities with people of all ages. Get more information here or call 827-1584, ext. 207 or email khammer@buffalogardens.com.

**Service Learning Networking and Kickoff Night**-4 to 7pm, WNYSLC is kicking off the 2016-2017 programming year with an intentional networking event for community organization staff members and college/university faculty! Our goal is to facilitate the building of stronger connections between community-minded and service-learning professionals in Buffalo and WNY. Come out to enjoy tasty appetizers from Larkin Square's The Filling Station (745 Larkin St) and one free drink ticket. Register and info

**Movie at DIG Start up Film Series-** 6-10pm, "Startup.com". Info at http://events.r20.constantcontact.com/register/event?llr=lg4otfwab&oeidk=a07ecxxc9rib602dbbe

**Northeast Southtowns Solid Waste Management Board meeting**-4:00pm - 5:00pm at Orchard Park Municipal Building, Basement Meeting Room, 4295 S Buffalo St, Orchard Park, NY 14127. Contact: gary.carrel@erie.gov

**Friday, September 9**

**Erie Bats**-7:00 PM - 08:30 PM at Evangola State Park. An exhilarating evening hike to search for migrating tree bats where on a September night the highest count of migrating bats in the Great Lakes was recorded! Explore our Evangola Nature Center then try the "bat detector" over starlit Lake Erie skies. For information and registration call (716) 549-1050. *Registration:* Required

**Buckhorn Island: Purple Martin Migration-** 7:00pm – 8:30pm at Buckhorn Island State Park, 2136 West Oakfield Road, Grand Island, NY 14072. Join Buffalo Audubon Naturalist Tom Kerr to witness a true spectacle of migration! Thousands of Purple Martins roost for the night on Grass Island in the Niagara River as they migrate to the Amazon Rainforest for the winter. Binocualrs are available. Meet at Woods Creek Canoe Launch. Pre-registration is required. Please call 585-457-3228 to register. Donations accepted.

**South Town Gardeners Meeting**-9:30 a.m. at the Burchfield Nature Center, 2001 Union Rd., West Seneca. The club will be putting the finishing touches on their upcoming flower show. Guests and new members are welcome. For more information, call 668-0209.

**"Birds and Birdwatchers: 100 Brief Essays" Book Signing-** Gerry Rising's new book signing at 7pm at Talking Leaves Bookstore, 951 Elmwood Ave, Buffalo Gerry is a longtime member of ADK and author of the Buffalo News "Nature Watch" columns for 25 years. Gerry has been an avid birdwatcher for 80 years!

**Saturday, September 10**

**Bricks and Dig**-12pm – 4pm at Penn Dixie Site, 4050 North St, Blasdell, NY 14219, USA (map) DescriptionA new Penn Dixie program in partnership with Bricks 4 Kidz! In a guided workshop, children will learn, build, and play with LEGO Bricks to make dinosaur models. Fossil collecting expeditions and nature tours will also take place during the program and our experts will be on site to identify geological treasures. Our telescopes will be available for viewing sunspots as well. In recognition of National Grandparents Day, all grandparents are admitted free for this program. Non-grandparent adults: $9, Children 3-12: $10, Member children: $5. Pre-register at penndixie.org to save $1 per ticket.

**Mars, Saturn, and Scorpius-** 6pm – 9pm at Penn Dixie Site, 4050 North St, Blasdell, NY 14219, USA (map). Telescopes will focus on Saturn in the constellation Scorpius, with Mars and a 61% Waxing Gibbous Moon to its left. Still high overhead will be nebulae M13, M57, and M27. Penn Dixie astronomers will trace out the Delphinus constellation by the bright star Altair in the Aquila constellation and other constellations. FREE for members, $4 for non-members.

**Shorebird Migration**-9am – 11am at Beaver Meadow Audubon Center. Join Naturalist Tom Kerr for a hike around the Beaver Pond in search of Migrating Shorebirds. With water levels down this year, there are plenty of exposed mudflats, creating the perfect stop-over habitat for these long-distance migrants. Meet at Nature Center. Binoculars and Spotting Scopes are available. Pre-registration is required. Please call 585-457-3228 to register. $5 per person.

**Spiders: What's in your Web?-** 10am. Spiders are amazing predators that are skilled in stealth, camouflage and engineering. We will search for spiders and their webs on this guided walk. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

**Wood's Walk: Working on the Food Chain Gang**- 1pm. Join a guided nature walk to learn about who eats what in the woods. No registration required. Reinstein Woods Nature Preserve, Depew.

**Soil Testing**-Offered by Master Gardeners from Cornell Cooperative Extension of Erie County from 8 a.m. to 12:30 p.m. at the Kenmore Farmers Market, Delaware Avenue and Delaware Road, Kenmore. Limit three samples per gardener. A small fee per sample is requested. For more info, call 652-5400, ext. 137.

**Repair & Renovation: Dos and Don'ts in a Local Historic District Workshop**-Theodore Roosevelt Inaugural National Historic Site, Buffalo. 9am. Register. Considering a renovation or repairs to your home or commercial building listed as a Local Landmark or located in one of the City of Buffalos Local Historic Preservation Districts? Learn about the best practices and processes to undertaking that work, including design considerations to take into account; what not to do to undermine historic integrity; how to apply for permits; and what work has to be reviewed by the Preservation Board. For help determining if your property is a Local Landmark or located in Local Historic Preservation District contact Chris Hawley at (716) 851-4064. $10 for non-members.

**Poisonous Plants in your own Backyard**-2:30pm. Some of the plants that grow in your yard or garden can be toxic if you eat the wrong part or prepare them the wrong way. Learn about these common plants and their chemical defenses, and about some poisonous plants and animals at Reinstein Woods. For adults and children ages 12 and older. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

**Mindful Music Meditation** -10:30-11:30am. Luxuriate in the healing tones of the native flute and rain stick as we enjoy the natural serenity of the Lillibridge preserve. Mary K Sturdevant, Certified Music Practitioner, Song Writer, Ceremony Facilitator and Laughter Therapist is a heart-centered musician who uses the comforting power of music to reduce pain, disease and de-stress. Mary K will lead us through a deep relaxation sound massage to remind us to "wear life like a loose-fitting garment". This one-time event will be held, rain or shine, at Pfeiffer Nature Center, 1974 Lillibridge Road, Portville, NY 14770. Please bring your own folding chair. Fee: $15 for non-members, $10 for members. This program is best suited for adults and children 12 & up. Minors must be accompanied by an adult. Please register by 4pm, Thursday, September 8th, 2016. Register Hereor contact the office at716-933-0187. Pfeiffer Nature Center where science, art & nature come together.

**Lockwood's Nursery Annual Fall Festival**-9 AM to 5 PM, A Day filled with Classes, Food, Music and Plant Specials! Click here for details. 4484 Clark St., Hamburg.

**Wyoming County Wildlife Federation Youth Field Day**-9:00am to 3:00pm @ the Attica Rod & Gun club, 2073 Creek Road (Rte. 98), Attica. For youth 12-17. Pre-registration required at http://wyomingcountyscope.org/speakersevents.html

**Gathering of Gardeners in Rochester**-This annual day-long symposium features good speakers and a parking lot sale of plants and garden related items. Don Engebretson "Top 10 Garden Blunders and How to Avoid Them, Jerry Kral "So You Think You Know Your Conifers – Gardening with Conifers", Don Engebretson "Embrace Your Shade: Plants and Design Tips for Shady Spaces. For details visit http://www.gatheringofgardeners.com

**Horticulture I: Botany 101**-11am-1pm. Join Buffalo & Erie County Botanical Gardens for an entertaining garden education with David Clark, Horticulturist. David is becoming one of the country's noted garden speakers! These classes are great for beginners or gardeners and landscapers wishing to brush up on their skills. Those who complete each series will be presented with a certificate. Garden Members $105 or $22 per class, Non-Members $135 or $27 per class. Must register for classes at http://www.buffalogardens.com/

**Wild Photo Day at Hawk Creek Wildlife Center**-1 to 4 pm Don't miss this rare opportunity to photograph beautiful live wildlife up-close, without barriers, and in a natural setting. Recreational, amateur, and professional photographers are welcome! Live eagles, owls, hawks, wild cats, and more await you. Live flight demonstrations included. Pre-registration is required as space is limited. Tickets are $50 per photographer, $25 per non-photographer and can be purchased online. Parking is FREE. Event is rain or shine. http://www.hawkcreek.org/wp/events/wild-photo-day/

**Frederick Law Olmsted Gala-**Fundraiser for Olmsted Parks. 6 to 10pm at Olmsted's South Park. To purchase tickets, click here.

**LEED Green Associate (GA) Training-**1:00PM to 5:00 PM at SUNY Buffalo – Hayes Hall – Room 401 - Registration: http://leadinggreen.com/buffalo . Just as Buildings can be LEED certified, people in the sustainable construction industry can become LEED Professionals. The LEED Green Associate (GA) credential is the only entry level sustainability designation and shows employers and clients that you have certified knowledge in the green building industry. A new LEED rating system (v4) was introduced last month and this training course is one of the few that has been updated to teach the current rating system. This course meets the exam's eligibility requirements and the USGBC charges a $100 (reduced for students) fee for the actual exam which can be taken at any time at your nearest Prometric center. Cost: $300 ($200 for full time students). To register visit: http://leadinggreen.com/buffalo

**18 Reasons to Love Eighteenmile Creek-**Join the Nature Conservancy from 10am to 12pm. Explore a very special forest—its eastern hemlocks, sugar maples and hickories filter drinking water for people and provide superb habitat for wildlife. Beneath the trees, an underground aquifer feeds a stream perfect for trout. Join us for The Nature Conservancy's first public hike at Eighteenmile Creek, a beautiful and important forest protected last year by The Nature Conservancy and Buffalo Niagara Riverkeeper. Director of Conservation Darran Crabtree will lead this easy hike around the property, stopping along the way to give you 18 reasons to love Eighteenmile Creek. Register

**About Boating Safely-** 8 hr boating safety course in Blasdell. Contact Eileen Reiner at reiner7@verizon.net to register.

**Sunday, September 11**

**Community Bike Class: Learn to Ride for Youth**- 6 to 8pm. The first half of this class will focus on bike safety. The second half will focus on learning to ride a bike. Students will practice balancing, braking and turning, and how to ride safely in different situations. Suggested age 5-12. Students should bring a bike in good working order that fits them, helmet, and a parent or guardian. All classes are limited to 10 people and suggested donation $10. You must RSVP to Stacy: stacy@gobikebuffalo.org at least two days prior to the class if you plan to attend.

**WNY Coalition of Peace, Justice and Nonviolence Festival and Walk**- 2:30pm to dusk at Canalside. Music, tabling, children's activities & more. If you or your organization would like to be part of event please contact: Vicki Ross at (716) 931-3520 or victoryross9@gmail.com.

**Family Walk at Beaver Meadow**- 2 to 3pm. Beaver Meadow Audubon Center, Java Center. Enjoy a guided walk led by one of our naturalists through the Preserve. Donations accepted.

**Trek Tifft**-2:00pm - 03:30pm. Drop in on Sunday afternoon for a guided tour of the Tifft Nature Preserve on our beautiful and accessible trails! All ages welcome. Please call 716.825.6397 to confirm walk will be taking place. $2 donation per person appreciated.

**Jungle Cruise-**Join the Women's Board of the Buffalo Zoo for a "Jungle Cruise" aboard the Miss Buffalo II. The twilight cruise will board at the Erie Basin Marina at 5:30 p.m. and return at approximately 9:00 p.m. This floating fundraiser costs $35 per person and will include snacks, beer, wine, soda and entertainment. Guests must be at least 21 years of age. For tickets or more information, please call (716) 995-6131 or https://www.buffalozoo.org/_event_registration.php?eid=20

**Monday, September 12**

**Monday Evening Paddle on The Buffalo River**- Join us and learn some of the history of the grain mills, the harbor, navy vessels and enjoy the fine sunset at the mouth of the harbor. We meet at the Buffalo Scholastic Rowing Center located at 345 Ohio Street, near Republic Street, across from Father Conway Park at 6:00pm. If you do not have a kayak you are welcome to rent one for $30.00pp. If you have your own kayak feel free to join the group for a great evening. Cost is $20.00. We plan to be off the water at approximately 9:00 - 9:30pm. Registration is required if you need to rent a kayak by calling 716-213-0350. With each boat rental you will receive a paddle and PFD. PFD's are required by everyone on this event. We kindly ask that you leave all electric devices behind for a few hours so everyone can relax and unwind. There will be no alcoholic beverages or drugs on the water. Feel free to contact us if you are interested in our Monday evening paddle. We can be reached at 716-213-0350 or pppinfo@pathspeakspaddles.com.

**Erie Canal Harbor Development Corporation Meeting-** 10:30am. Board Room of ESD's Buffalo Regional Office, 95 Perry Street - Suite 500, Buffalo, NY 14203.

**Sierra Club Energy Committee Meeting**- 6:00 pm – 7:30 pm, UU Church 695 Elmwood Ave. 2nd floor, Use side garden entrance. All are welcome to join us as we work for renewable energy solutions to climate change.

**"The Good, the Bad and the Beautiful"** -Meeting of East Aurora Garden Club at noon at St. Matthias Episcopal Church, 347 Main St., East Aurora. A lecture and slide show on insects will be presented by Marc Potzler, Associated Certified Entomologist and Technical Training Director of Ehrlich (former Buffalo Exterminating Company). Fewer than 1 percent of insects are actually pests. Most insects play a beneficial role in the environment, including our home garden. But how do you know which is which or how to attract the good ones and control the bad ones? Potzler will discuss this and answer questions. info

**Slow Roll Buffalo**-Free biking event for all ages. Meet at 5:30pm, roll out at 6:30pm. Locations change weekly. Register once annually if participating. Check for updates and location at www.slowrollbuffalo.org.

**Tuesday, September 13**

**ADK General Meeting & Ice Cream Social**- 7 PM Happy Half Hour with ICE CREAM!!! 7:30 PM General Meeting and Members Slide Show. Also…there will be ice cream!!! Come, share, meet, see and hear about adventures and places to go! See you there! Fellowship Hall - Amherst Community Church 77 Washington Highway Snyder NY 14226 NOTE: Please park in rear and enter through back door. Program: Special Conservation Announcement and Information Diana Strablow, longtime ADK member and Sierra Club Volunteer Activist, will provide an update. • What are the risks of the Northern Access Pipeline to WNY? • What you can do about it! The proposed National Fuel Gas project will have a huge environmental impact on WNY. Construction of the proposed Project will require the crossing of 180 streams, 7 ponds, and 270 wetlands, including 34 wetlands that are part of 13 NYSDEC-regulated freshwater wetlands in New York. This is FRACKED gas, which is known to emit methane, 80 times more potent at trapping heat than CO2. Don't miss Diana's brief, but also urgent information about this project so close to home. www.adk-nfc.org

**Susan Arbetter Live-**Jim Heaney, Investigative Post interviews Susan Arbetter, the award winning host of The Capitol Pressroom, the daily interview program heard on WBFO and some 20 other public radio stations across upstate. 7pm at Burchfield Penney Art Center, 1300 Elmwood Ave., Buffalo, Get Tickets » $10 for non-members and Bronze members; free for Silver, Gold and Platinum members.

**Farm Tours at MAP**- 4pm. Learn about Massachusetts Avenue Project, our crops, our programs, view the grounds and greenhouses, and get a chance to talk with staff about current projects. Check our facebook or twitter for the most up-to-date information. From May 17-October 10*. Tours start promptly and last approximately 30 minutes. No reservation necessary for groups smaller than 10. Wear comfortable shoes or boots and dress for the weather. Suggested donation is $2/ person. 389 Massachusetts Ave., Buffalo.

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**"Horticulture and You"** -Kenmore Garden Club meeting with a program on preparing and presenting horticulture entries in the flower show to be held Sept. 23 and 24. The talk and meeting are free and open to the public. 10am at Kenmore United Methodist Church, 32 Landers Rd., Kenmore. info

**"Taking Care of Houseplants"-**Ken-Sheriton Garden Club meeting at 7:30 p.m. in St. Mark's Lutheran Church, 576 Delaware Rd., Kenmore. Jeanette Williams, docent at the Buffalo and Erie County Botanical Gardens, will present a horticulture PowerPoint presentation. A business meeting will follow. For club information, call 833-8799. New members and guests are welcome. info

**2016 C-SAAHN 'IMAGINE' Lecture Series-** Noon to 1pm@ Downtown Buffalo & Erie County Public Library. http://buffaloah.com/h/center/lib/16lec.html for details and speaker confirmation. 12:30 - 1:00 P.M. Speaker - Dennis Penman, Executive Vice President, Ciminelli Real Estate, Cosponsored by the Richardson Olmsted Complex & Buffalo Architecture Center

**Wednesday, September 14**

**Green Development Zone Tour-**5:30pm at 460 Massachusetts Ave, Buffalo, NY. Tours are one hour long and offer the incredible experience of seeing the work that PUSH is doing first hand and meeting Westside residents that have driven the development work. Some of the exciting community-led projects you will see on the tour are green affordable housing construction, community-based renewable energy projects, housing weatherization, green jobs training, green infrastructure, and vacant land restoration projects. If you are interested in coming on a tour, email Development Assistant: Ahmad Nieves @ ahmadnieves@pushbuffalo.org

**Air Quality and the Community: Public Information Forum-** 6 to 8pm at Erie County Department of Emergency Services Training and Operations Center Auditorium, 3359 Broadway, Cheektowaga, NY 14227. The Erie County Local Emergency Planning Committee (LEPC) is hosting its annual Public Information Forum to discuss emergency preparedness and response in Erie County. Come learn how the County is preparing communities and agencies to respond to emergency incidents and learn how you can prepare! Public can create a preparedness plan on their smart device – *Light refreshments will be served! Win Giveaways!*

**Sky is the Limit**-Fundraiser for Clean Air Coalition. AcQua – 2192 Niagara St, Buffalo, NY 14207, 6 – 8 PM $25 presale / $30 at the door. https://www.cacwny.org/get-involved/sky-is-the-limit/

**Buffalo Ornithological Society Meeting-** Buffalo Museum of Science - Cummings Room (map) at 7:00 PM. Topics of discussion will include voting on and planning for our hosting the 2017 Annual NYSOA meeting. A short presentation from Gerry Rising, Chris Hollister, Scott Meier, and Sue Barth regarding their nature book project, *Ten by Ten*, is also on the agenda. The *Ten by Ten* team received a BOS grant earlier this year and the team will discuss their progress to-date.

**WNY Stormwater Coalition Meeting-** 2pm at Julia Boyer Reinstein Library, 1030 Losson Road, Cheektowaga NY 14227. All are welcome.

**Northwest Communities Solid Waste Management Board meeting-**8:30am - 9:30am at Town of Tonawanda Highway Department, 450 Woodward Avenue, Kenmore NY. Contact: gary.carrel@erie.gov

**Thursday, September 15**

**Homesteading: Log Cabin Quilting-** 6pm. The fun series of do-it-yourself classes will help get you started on the path to becoming more self-sufficient. Take one class or all 9 (future Thursdays)! All class supplies are included with the class fee unless otherwise noted. You MUST preregister and pre-pay for each class and class sizes are limited. Contact Amanda for more information at 433-8839 ext. 231 or by email app27@cornell.edu. Cornell Cooperative Extension of Niagara County provides equal program and employment opportunities. $20. You will leave the class with at least one finished quilt block and the confidence to quilt more on your own. There are a limited number of sewing machines available for use during the class, you are encouraged to bring your own. Materials will not be provided for this class. A required materials list will be provided upon registration.

**Wellness Walk at Tifft Nature Preserve**-10:00am - 12:00pm. Enjoy the fresh air and the sights and sounds of the season with a healthy, guided outdoor walk on our trails! Please call 716.825.6397 to confirm walk will be taking place. $2 donation per person appreciated.

**Thursday Evening Stress Reducer Paddle**- Come join the Paths, Peaks & Paddles guides. We meet out in Wilson at the Wilson Tuscarora State Park (Route 18 East of Niagara Falls) at 6:30pm in the back parking lot. We will either take a paddling trip on either the East or West Branch of Twelve Mile Creek. To top off the evening we paddle out to Lake Ontario and watch a spectacular sunset over Toronto 38 Miles away across the lake. All are welcome if you have your own boat (canoe or kayak) there is no charge. If you need to rent one, the cost is only $30.00 per boat solo or $40.00 tandem delivered out to Wilson for you, includes paddle(s) and PFD(s). We will bring the rented boat out to you! RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

**Friday, September 16**

**Bike the Harbor Tour**- 5 to 7pm at Buffalo Harbor State Park. As summer winds down, take a break and join us on a bicycle adventure along the beautiful Buffalo Harbor! Bring your own bike and discover what this new park has to offer! For information and registration call (716) 282-5154. *Registration:* Required.

**Crepuscular Hike: Harvest Moon Hoopla**-6:30 PM - 08:30 PM at Knox Farm State Park. Come discover what all the hoopla's about as we set out on a moonlit hike and witness the rise of the harvest moon, the closest full moon to the autumnal equinox. For information and registration call (716) 549-1050 *Registration:* Required.

**Opening Reception with Artist Jan Lutz-**Roger Tory Petersen Institute in Jamestown from 6-8pm. The exhibit, "Rainforest Adventures-Works by Artist Jan Lutz" will be on display from Sept. 9 through November 13. www.rtpi.org

**Full Harvest Moon Hike-** Tifft Nature Preserve from 07:30pm - 09:00pm. As summer winds down, come enjoy an evening outdoors with a guided, tranquil stroll and search for wildlife beneath the Harvest Moon. Pre-registration required for ages 18+. $5 Non-Members. BMS Members save 10%. www.tifft.org

**Women at the Table: Expanding the Role of Women in Governance-**League of Women Voters luncheon with Guest Speaker: Hon. Rose H. Sconiers, 11:00 a.m. registration, 11:30 a.m. program, 12:30 - 1:30 p.m. lunch. 20th Century Club, 595 Delaware Avenue, Buffalo, NY 14202 Parking lot at 516 Franklin Street, Buffalo, NY 14202. Cost for the luncheon, featuring chicken crepes with mushrooms, is $25 for members of sponsoring organizations, $30 for guests. To reserve, complete and mail the registration form. Reservations and payment must be received by **Wednesday, September 7**.

**Saturday, September 17**

**Horticulture I: Plant Propagation**-11am-1pm. Join Buffalo & Erie County Botanical Gardens for an entertaining garden education with David Clark, Horticulturist. These classes are great for beginners or gardeners and landscapers wishing to brush up on their skills. Those who complete each series will be presented with a certificate. Garden Members $105 or $22 per class, Non-Members $135 or $27 per class. Must register for classes at http://www.buffalogardens.com/

**16th Annual Reinstein Woods Fall Festival**- 10am to 4pm. Pollinators will be the theme. Kick off the fall season by spending a day in the woods. Enjoy crafts for kids, live animals, hands-on activities, food, live music by Mama Earth and more! Call 716-683-5959 or see www.dec.ny.gov/education/68006.html for more information. No registration required. Reinstein Woods Nature Preserve, Depew.

**Soil Testing**-Offered by Master Gardeners from Cornell Cooperative Extension of Erie County from 8:30 a.m.- 1 p.m. at the Alden Farmers Market, 13119 Broadway St., Route 20, Alden. Limit of three samples per gardener. A small fee per sample is requested. For more information, call 652-5400, ext. 137.

**Junior Audubon Club: Forest Lawn Cemetery**-10am – 12pm at Forest Lawn Cemetery, 1411 Delaware Ave, Buffalo, NY 14209. Join the Junior Audubon Club and Naturalist Tom Kerr for our Monthly Birding Adventure! Binoculars are available. Meet at Mirror Lake. Pre-registration is required. Please call 585-457-3228 to register. Donations accepted.

**Fabulous Fern Walk-** 10am to noon. Ferns are an ancient group of plants that first appeared in the fossil record 360 million years ago. Although ferns vary greatly in size and shape, they can be flabbergasting to identify. Fern aficionado, Susan Avery, will lead us through forest and field to share her expertise on using an identification key for these phenomenal plants. See Details! Pfeiffer Nature Center.

**Autumn Ascending**-1:00 to 3:30pm at 18 Mile Creek – Hamburg. We'll explore woodland and stream discussing the changes that occur in both the plant and animal world in Autumn as these species anticipate the coming Winter. $8.00 adults /$5.00 children 12 and under. Register at http://oakmossed.com

**Great Lakes Beach Sweep-** 10:00-noon, all ages, any beach, creek or shoreline. Contact Sharen Trembath at 549-4330 or log onto Greatlakesbeachsweep.org or facebook.

**8TH Annual Tour De Farms**-9:00 AM - 3:00 PM. The Tour de Farms is a bicycle tour of local urban and rural farms highlighting and celebrating sustainable transportation and our connection to the local food system. Each year the ride is approximately 35 miles. Bicyclists start from Buffalo's Westside, visiting urban farms and community gardens in the city. There is a stop and light lunch at the halfway point– Bippert's Farm in Elma–and the ride ends at the Oles Family Farm in Alden, NY with a celebration. While participants are welcome to ride back, most people take advantage of the provided bus ride and their bikes come back on box trucks. This year we are adding an Urban Farm Tour that starts and ends in the city for those that would like to tour urban farms and gardens but not continue all the way out to Alden. To register and for more info, please visit www.tourdefarmsbuffalo.org

**Flower Show**-The South Town Gardeners, in conjunction with the Amana Garden Club, will hold a flower show from noon to 4 p.m. at the Burchfield Nature Center, 2001 Union Rd., West Seneca. This is a free event and all are welcome.

**Build your own Scarecrow**-Take an old shirt and pants and get the rest of the supplies you need to build your own scarecrow during Oktoberfest from 10 a.m. to 4 p.m. at Mischler's Florist and Greenhouses, 118 S. Forest Rd., Williamsville. You supply the old clothes and they will provide the rest of the materials– a burlap head, straw, twine and sticks. Mischler's Greenhouse associates will be on hand to help. Take your child or grandchild to share in this unique Oktoberfest experience. The event is in conjunction with the Oktoberfest activities taking place in the Village of Williamsville.

**Genesee County Master Gardeners Fall Garden Gala-** 10 a.m. to 1 p.m. at Cornell Cooperative Extension of Genesee County, 420 East Main St., Batavia. The event includes a plant sale, chance basket auction, free soil pH testing, a flower-arranging demonstration and advice from Master Gardeners. The sale features hardy perennials, house plants and local field-grown mums. The Master Gardeners say that fall is a good time to plant many perennials, since they'll have several months to grow a strong root system. Fresh flower arrangements created by Master Gardeners will also be for sale. more information here or contact Brandie Schultz at Cornell Cooperative Extension of Genesee County at (585) 343-3040, ext. 101, or stop by the office at 420 East Main St., Batavia.

**Nature Hike with Riverkeeper**-9am to 11:30am @ Art Park State Park. **register**

**Bubblefest**-Buffalo Science Museum from 10am to 4pm. For those who have never experienced Bubblefest before, get ready to be bubbled-out with bubble crafts, a bubble performance, a tekno bubble dance room, bubbly beverages, and even bubbles so big you can stand in them! **PRESALE TIX NOW AVAILABLE** Save time in line the day of the event and purchase your admission tickets and even your Bubblemania performance tickets in advance. Entry to Bubblefest is included with general Museum admission and free for Museum members. Bubblemania performances are an additional $3 for members, $5 for non-members. info

**Great Egret Excursion**-5:30 to 7pm. Meet at Cayuga Overlook *REGISTRATION REQUIRED* Iroquois National Wildlife Refuge: 585-948-5445 ext. 7036 Iroquois@fws.gov

**Sunday, September 18**

**Flower Show**-The South Town Gardeners, in conjunction with the Amana Garden Club, will hold a flower show from 11 a.m. to 4 p.m. at the Burchfield Nature Center, 2001 Union Rd., West Seneca. This is a free event and all are welcome.

**Soil Testing**-Offered by Master Gardeners from Cornell Cooperative Extension of Erie County from 10 a.m. to 1 p.m. at the Holland Farmers Market, at the Town of Holland's Village Commons Parking Lot on Route 16 in Holland. Limit of three samples per gardener. A small fee per sample is requested. For more information, call 652-5400, ext. 137.

**Family Walk at Beaver Meadow**- 2 to 3pm. Beaver Meadow Audubon Center, Java Center. Enjoy a guided walk led by one of our naturalists through the Preserve. Donations accepted.

**Trek Tifft**-2:00pm - 03:30pm. Drop in on Sunday afternoon for a guided tour of the Tifft Nature Preserve on our beautiful and accessible trails! All ages welcome. Please call 716.825.6397 to confirm walk will be taking place. $2 donation per person appreciated.

**Walton Woods Hike**- 10:00am-12:00pm at Walton Woods, Amherst. Description: a leisurely hike on paved trails around Audubon Pond and through Swamp Forests. Fees: $7.00/$5.00 Members. Register at http://earthspiritedu.org/events.html

**Witold Rybczynski: A Lecture + Book Signing**- 01:30 PM at Darwin Martin House State Historic Site. Have you ever wondered where rocking chairs came from, or why cheap plastic chairs are suddenly everywhere? Architect and writer Witold Rybczynski will explore the history of the chair from the folding stools of pharaonic Egypt to the ubiquitous stackable monobloc chairs of today. Following the presentation, Rybczynski will sign copies of *Now I Sit Me Down: From Klismos to Plastic Chair: A Natural History*, which will be available for sale. Witold Rybczynski studied architecture at McGill University in Montreal, where he also taught for twenty years. He is Emeritus Professor of Urbanism at the University of Pennsylvania. He has written for the *Atlantic, New Yorker, New York Review of Books*, and the *New York Times*, and has been architecture critic for *Saturday Night, Wigwag*, and *Slate*. $20 | $10 Martin House Members | FREE for Students with I.D.Reservations Required: 716.856.3858 or rsvp@darwinmartinhouse.org To purchase tickets: http://bit.ly/2aOpOvs

**Monday, September 19**

**Slow Roll Buffalo**-Free biking event for all ages. Meet at 5:30pm, roll out at 6:30pm. Locations change weekly. Register once annually if participating. Check for updates and location at www.slowrollbuffalo.org.

**Little Tykes Mini Nature Camp**- 09:30am - 11:30am. Enjoy a morning of fun and exploration at Tifft Nature Preserve! Nature story-time, crafts, outdoor investigation and more help to foster the nature explorer in your child. Healthy, kid-friendly snacks provided too! Pre-registration required for ages 3-5. $8 per child with adult, $4 additional child with same adult. BMS Members save 10%. 825-6397.

**Tuesday, September 20**

**"Preparing Western New York for Climate Change"-**WNY Chapter/American Metereological Society hosts George Besch , team member of WNY's Designing to Live Sustainably. 7 to 8:30pm at SUNY Buffalo State – Classroom Building. Park in Lot I-37 and follow the AMS signs (parking permits will be available). Free, public is welcome.

**Farm Tours at MAP**- 4pm. Learn about Massachusetts Avenue Project, our crops, our programs, view the grounds and greenhouses, and get a chance to talk with MAP staff about current projects. Check our facebook or twitter for the most up-to-date information. Tours start promptly and last approximately 30 minutes. No reservation is necessary for groups smaller than 10. Wear comfortable shoes or boots and dress for the weather. Suggested donation is $2 per person. 389 Massachusetts Ave., Buffalo.

**Annual Tuesday Evening Stress Reducer Paddle**-Paths, Peaks and Paddles staff will lead the trip on Ellicott Creek! We meet at the store (1000 Ellicott Creek Rd. Tonawanda) at 6:00pm and take a paddling trip on Ellicott Creek up and around the big island. All are welcome, if you have your own boat (canoe or kayak), there is no charge. If you need to rent one, the cost for a solo boat is only $25.00 per boat or $35.00 for a tandem. The boat rental includes paddle(s) and PFD(s). RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

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**Niagara River Greenway Commission Meetings**-Executive Committee at 2pm, General Meeting at 3pm. 95 Perry St. Buffalo 14203.

**Erie County Fisheries Advisory Board Meeting**-7:00pm- 8:00pm, Bison Rod and Gun Club 511 Ohio St, Buffalo, NY 14204.

**Wednesday, September 21**

**25th Anniversary Western New York Land Conservancy-** 6 to 9pm. Tickets are now available for our 25th Anniversary Gala in the Golden Ballroom at Statler City in Buffalo and will feature celebrity emcee Steve Tasker, live gypsy jazz music by The Hot Club of Buffalo, cocktails, hors d'oeuvres, dinner, dessert, awards, and an exciting live auction presented by Cash Cunningham. Tickets are $160 per person or $220 for patrons who will be recognized in the program. You may also purchase a full table for 10 for $1,440 or 12 for $1,760. Contact the Land Conservancy at (716) 687-1225 or info@wnylc.org to make reservations.

**WNY Rose Society Meeting**- 7 p.m. in St. Stephens-Bethlehem United Church of Christ, 750 Wehrle Dr., Amherst. An Education Rose Show will be judged by Gene Noto. info

**Thursday, September 22**

**Homesteading: Wonderful Weaving-** 6pm. The fun series of do-it-yourself classes will help get you started on the path to becoming more self-sufficient. Take one class or all 9 (future Thursdays)! All class supplies are included with the class fee unless otherwise noted. You MUST preregister and pre-pay for each class and class sizes are limited. Contact Amanda for more information at 433-8839 ext. 231 or by email app27@cornell.edu. Cornell Cooperative Extension of Niagara County provides equal program and employment opportunities. $25. Learn how to make a beautiful basket! Jen will guide you through the basics of weaving. All materials are included in the class price.

**Solar and Geothermal Workshop**-9am to 11am. WNY Sustainable Business Roundtable is hosting a presentation and discussion on Solar and Geothermal applications for your business. There is a business case to be made that both Geothermal and Solar can make economic and environmental sense at your facility. Presentations start at 9am, but come at 8:30am for registration, networking, coffee and muffins. Click here for more information. Babeville, 341 Delaware, Buffalo

**Wellness Walk at Tifft Nature Preserve**-10:00am - 12:00pm. Enjoy the fresh air and the sights and sounds of the season with a healthy, guided outdoor walk on our trails! Please call 716.825.6397 to confirm walk will be taking place. $2 donation per person appreciated.

**Thursday Evening Stress Reducer Paddle**- Come join the Paths, Peaks & Paddles guides. We meet out in Wilson at the Wilson Tuscarora State Park (Route 18 East of Niagara Falls) at 6:30pm in the back parking lot. We will either take a paddling trip on either the East or West Branch of Twelve Mile Creek. To top off the evening we paddle out to Lake Ontario and watch a spectacular sunset over Toronto 38 Miles away across the lake. The vibrant colors across the sky and mirrored on the lake is breathtaking. Here you can really appreciate Mother Nature and the beauty she shares with us. All are welcome if you have your own boat (canoe or kayak) there is no charge. If you need to rent one, the cost is only $30.00 per boat solo or $40.00 tandem delivered out to Wilson for you, includes paddle(s) and PFD(s). We will bring the rented boat out to you! RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

**Fall Equinox Night Hike and Craft**- 6:30pm – 8:00pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center, NY 14082. This is the day when both the daytime and nighttime are of the same length. Once the equinox passes, the nights begin to get longer and the temperatures will start to fall. Join us for a nighttime stroll and make and take a Fall Lantern. Pre-registration is required. Please call 585-457-3228 to register. $5 per person.

**Green Development Zone (GDZ) Leadership Lab Workshops**-6:00 PM - 8:00 PM @271 Grant St. The Green Development Zone (or GDZ) is PUSH Buffalo's effort to grow a new community economy in a 25-square block area in the city of Buffalo NY. The GDZ Leadership Lab is an approach, a set of tools and a strategy. We're using popular education to build grassroots leaders. This set of workshops will work with community members to explore how our community is working towards sustainability by showing and growing our resiliency and building the resistance to extractive systems. Under this frame we will look at: affordable housing, resiliency across cultures, developing community assets, and shared solar. Workshop Topic is *Resiliency Across Cultures.* For more info, please contact: Meghan Zaldivar, meghan@pushbuffalo.org, (716) 884-0356 ext. 105.

**Friday, September 23**

**Get a Clue**-6-9pm at Buffalo Science Museum. Our galleries will once again be turned into a life-sized board game for this special happy hour event. Was it Lilian Fairchild in *Explore YOU* with the mastodon femur? Or Chauncey Hamlin in *Rethink Extinct* with the microscope? Groups of two to ten people will work together to gather clues from witnesses located throughout the Museum to determine "whodunit" along with the weapon of choice and the scene of the crime. Only 250 tickets available! Tickets are $20 for non-members, $10 for Museum members and include include the murder-mystery game, a cash bar (beer and wine), food for sale, and access to all of the Museum's permanent exhibits. *Adults 21+ only.* purchase

**Social Enterprise 101 Workshop**-1 to 2pm. The Social Enterprise Center of the Buffalo Small Business Development Center offers ongoing workshops introducing you to the principles of social entrepreneurship. Social Enterprise 101 introduces participants to the Social Enterprise Center, Benefit Corporations, social business planning, and marketing and financing tools for your business. **Click here for more information.** Location: Cleveland Hall 205, SUNY Buffalo State, 1300 Elmwood Ave, Buffalo, NY 14222 Parking: Request a free parking permit when you register. Register: Both workshops are free and open to the public. To register, contact Andrew Delmonte, Social Enterprise Coordinator, at (716) 878-4030 or email delmonas@buffalostate.edu.

**Kenmore Garden Club Flower Show**- 2 to 6pm. The will hold a standard flower show called Legends at Kenmore United Methodist Church, 37 Landers Rd., Kenmore. info

**Saturday, September 24**

**WNY Environmental Summit: "The Power is You"**-8:30am-noon at Daemen College, Wick Student Center. Free to the public. Exhibitors, Workshops and Speakers. www.daemen.edu/summit

**Horticulture I: Pest Management and Disease**-11am-1pm. Join Buffalo & Erie County Botanical Gardens for an entertaining garden education with David Clark, Horticulturist. David is becoming one of the country's noted garden speakers! These classes are great for beginners or gardeners and landscapers wishing to brush up on their skills. Those who complete each series will be presented with a certificate. Garden Members $105 or $22 per class, Non-Members $135 or $27 per class. Must register for classes at http://www.buffalogardens.com/

**Historic Home: Energy Efficiency Workshop-9am at Theodore Roosevelt Inaugural Site.** Energy efficiency is a big concern for all homeowners. Historic homes were constructed using different techniques and materials than most modern structures and were typically built with environmentally-friendly features that had energy efficient design in mind. However there is always room for improvement and historic homes simply need to be treated with a thoughtful, whole-house approach. Learn how to improve the energy efficiency of your historic home and lower energy bills without losing the historic features that give your house its character, including energy audits, common problem areas, simple fixes, and when to hire a contractor. Also hear about incorporating new green technologies and some of the City of Buffalos homeowner programs available to improve the energy efficiency and sustainability of your home from PUSH Green and West Side and Black Rock Riverside Neighborhood Housing Services. Presenters: Melanie McMahon, CIR Electrical Construction; Jason Kulaszewski, PUSH Buffalo; and Micah Winship, West Side and Black Rock Riverside Neighborhood Housing Services. For questions, contact Laurie Stillwell at (716) 852-3300 or lstillwell@pbnsaves.org, $10 for non-members. Register

**Trees of Reinstein Woods**-10:30am. Come explore the many tree species of the Woods and discover interesting facts about them. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

**Birding 101: Class #9**-2:30pm. Learn about birds of prey—raptors and owls. For adults only. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

**Kenmore Garden Club Flower Show**- 10am to 3pm. The will hold a standard flower show called Legends at Kenmore United Methodist Church, 37 Landers Rd., Kenmore. info

**Niagara Wildlife Festival at the Power Vista**-10am to 5pm. 5777 Lewiston Road, Lewiston, NY 14092. Free to the public. Call 866-697-2386 for additional information.

**Soil Testing**-Offered by Master Gardeners from Cornell Cooperative Extension of Erie County from 8 a.m. to 1 p.m. at the Clarence Farmers Market, 10717 Main St., Clarence. Limit of three samples per gardener. A small fee per sample is requested. For more information, call 652-5400, ext. 137.

**Fall Migration: Buckhorn Island State Park**-9am – 12pm at Buckhorn Island State Park, 2136 West Oakfield Road, Grand Island, NY 14072. Join Buffalo Audubon Society Naturalist Tom Kerr for a fall migration walk along the Niagara River. The Niagara River is an important migration route for travelling songbirds, and we'll go over how to identify those confusing fall plumage warblers. Binoculars are available. Meet at the Woods Creek Canoe Launch parking lot. Pre-registration is required. Please call 585-457-3228 to register. Donations accepted.

**Autumn Birding** - 10:00am-12:30pm at Beaver Island State Park. Hiking around wetlands, woodlands and along the Niagara River with a focus on bird identification and ecology. Please bring binoculars or we will provide them if needed. Fees: Members: $7 | Non-Members: $10. Register at http://earthspiritedu.org/events.html

**Native American Walk** -1:30 to 3:30pm. Meet at Kanyoo Trail. Iroquois National Wildlife Refuge: 585-948-5445 ext. 7036 Iroquois@fws.gov

**Sunday, September 25**

**Niagara Wildlife Festival at the Power Vista**-10am to 5pm. 5777 Lewiston Road, Lewiston, NY 14092. Free to the public. Call 866-697-2386 for additional information.

**Artify the Park**-11:00 am - 4:00 pm at the Chestnut Ridge Park Commissioners Cabin, MacKinnon Lodge and various locations throughout the park. Admission is free (some activities may have a nominal charge to cover our costs) and everyone is welcome! We will be providing you with an opportunity to meet local artists and watch them work in different media. There will also be activities for children. http://chestnutridgeconservancy.org/event/artify-the-park/

**Bird Watching for Beginners: Fall Migration-** Sunday "Walks and Talks" will be held at 2 p.m. in Amherst State Park, 390 Mill St., Williamsville. Meet at the kiosk by the parking lot. The walks will be held rain or shine. The presentations are family oriented, fun and free. The presenter will be Jajean Rose-Burney is Development Director for the Western New York Land Conservancy an avid birdwatcher who has traveled through much of the United States and parts of Canada, Mexico, Costa Rica, India, Nepal, and many Caribbean islands in search of birds. On this hike, he will discuss the birds of Amherst State Park and help point out birds as they pass through on their fall migration south.

**Family Walk at Beaver Meadow**- 2 to 3pm. Beaver Meadow Audubon Center, Java Center. Enjoy a guided walk led by one of our naturalists through the Preserve. Donations accepted.

**Trek Tifft**-2:00pm - 03:30pm. Drop in on Sunday afternoon for a guided tour of the Tifft Nature Preserve on our beautiful and accessible trails! All ages welcome. Please call 716.825.6397 to confirm walk will be taking place. $2 donation per person appreciated.

**Family Hike: Beaver Island State Park**-Summer is almost over and some of the most shared family scenic adventures is by hiking. This adventure is geared for the young at heart. Parents are welcome to join us too! Come out and join us for a morning hike from 9:00 am until approximately 11:00 am. As we get into the fall enjoy walking the paths and crunching on the crisp leaves. As we near winter enjoy walking the paths with new fresh snow falling. We will explore a different parks every month. Dress for the weather! Cost is $10.00 for a family and will include your guided trip and snacks. Your adventure is presented by the Paths, Peak & Paddles Guides and Instructors. www.pathspeakspaddles.com

**Woodlawn Beach Fall Field Trip**-Woodlawn Beach, 3580 Lakeshore Rd, Buffalo, NY 14219, United States (map) at 8AMin the main parking lot and join us for a half-day field trip to one of WNY's premier rarity magnets. Woodlawn Beach is a gem of mixed riparian second growth guarded behind sand dunes from Lake Erie and lies in the shadow of the old Bethlehem Steel Site. We will walk out to the beach first to check for shorebirds and terns and then walk the trails through the woods and dunes. Leader: Jajean Rose-Burney (jajean.rose@gmail.com)

**Monday, September 26**

**Clean Air Coalition Member Monday**- 4 to 6pm. Clean Air Headquarters - 52 Linwood Ave. (map). Have a few hours the last Monday of the month? Stop by the Clean Air office, meet other folks that care about their neighborhood and help us with mailings, research, turn out calls, or other important work. Give us a call and let us know you plan on stopping by: 716-852-3813

**Slow Roll Buffalo**-Free biking event for all ages. Meet at 5:30pm, roll out at 6:30pm. Locations change weekly. Register once annually if participating. Check for updates and location at www.slowrollbuffalo.org.

**Tuesday, September 27**

**Sierra Club Meeting**-Join others with the Niagara Sierra Club for their monthly meeting at 7pm at Room 227 Duns Scotus Hall, Daemen College. Visit www.daemen.edu/maps for directions.

**Fairy Garden Workshop-** 6pm-8:30pm, Garden Members $35, General Public $40. By popular request, unleash your inner creativity with this new workshop geared just for adults. We'll be using found and natural materials to make the perfect hideaway. Containers, soil and plants are included. Fairy trinkets, statuary, accessories and pre-made twig furniture will also be available for purchase at the workshop. Space is limited! http://www.buffalogardens.com/collections/adults/products/fairy-garden-workshop

**Master Gardener Fall Gardening Classes: Growing Small Fruit for The Home Gardener-** Three classes will be held at the Cornell Cooperative Extension in E. Aurora, 7:00 – 8:30 p.m. Cost $20/session or $50 for all 3. To register call CCE at 652-5400, ext.:177, or visit the website: erie.cce.cornell.edu .

**Farm Tours at MAP**- 4pm. Learn about Massachusetts Avenue Project, our crops, our programs, view the grounds and greenhouses, and get a chance to talk with MAP staff about current projects. Check our facebook or twitter for the most up-to-date information. Tours start promptly and last approximately 30 minutes. No reservation is necessary for groups smaller than 10. Wear comfortable shoes or boots and dress for the weather. Suggested donation is $2 per person. 389 Massachusetts Ave., Buffalo.

**Annual Tuesday Evening Stress Reducer Paddle**-Paths, Peaks and Paddles staff will lead the trip on Ellicott Creek! We meet at the store (1000 Ellicott Creek Rd. Tonawanda) at 6:00pm and take a paddling trip on Ellicott Creek up and around the big island. All are welcome, if you have your own boat (canoe or kayak), there is no charge. If you need to rent one, the cost for a solo boat is only $25.00 per boat or $35.00 for a tandem. The boat rental includes paddle(s) and PFD(s). RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

**2016 C-SAAHN 'IMAGINE' Lecture Series-** Noon to 1pm@ Downtown Buffalo & Erie County Public Library. http://buffaloah.com/h/center/lib/16lec.html for details and speaker confirmation.Noon - 12:30 P.M. "Science Wars: What Scientist Know and How They Know It - Science Comes of Age in the 19th Century", The Great Courses Video #9 by Professor Steven L. Goldman, Lehigh University, 12:30 - 1:00 P.M. Discussion - Co-sponsored by WNY STEM Hub.

**Wednesday, September 28**

**Green Development Zone Tour**-8am at 460 Massachusetts Ave, Buffalo, NY. Tours are one hour long and offer the incredible experience of seeing the work that PUSH is doing first hand and meeting Westside residents that have driven the development work. Some of the exciting community-led projects you will see on the tour are green affordable housing construction, community-based renewable energy projects, housing weatherization, green jobs training, green infrastructure, and vacant land restoration projects. If you are interested in coming on a tour, email Development Assistant: Ahmad Nieves @ ahmadnieves@pushbuffalo.org

**Public Tour of Outer Harbor-** 5:00 - 6:45 PM Meet at Wilkeson Pointe Park Sign Fuhrmann Blvd, Buffalo, NY 14203 http://www.ourouterharbor.org/

**Public Meeting on Outer Harbor**-7:00 - 9:00 PM Riverworks (Upstairs), 359 Ganson St, Buffalo, NY 14203 www.OurOuterHarbor.org

**West Valley Citizen Task Force Meeting**- 6:30 – 9:00 p.m. at Ashford Office Complex, 9030 Route 219, West Valley, NY. http://westvalleyctf.org/meeting-information/

**Thursday, September 29**

**Historic Building: Commercial Tax Credits Workshop-** Magnano Reception Room, Jamestown Community College Olean Campus at 3pm. http://historiccommercialtaxcredits.brownpapertickets.com/ Do you own a historic commercial building or multi-family home that is in need of repairs and major rehabilitation? If it's located within a National/State Historic District or Listed in the National/State Registry it may be eligible for the Federal Investment Tax Credit for Income Producing Properties and the NYS Tax Credit for Income Producing Properties. Each program provides a tax credit of 20% (40% total) for qualified repair and rehabilitation expenditures, up to $5 Million. At this workshop you'll learn how to apply for the Federal and State Investment Tax Credit for Income Producing Properties, including other eligibility criteria, what type of work qualifies, how to submit a great application and when to call in the pros. For more info about the programs, please visit the New York State Office of Parks, Recreation and Historic Preservation website at www.nysparks.com/shpo/tax-credit-programs

**Historic Home: Tax Credit Workshop-** 6pm Magnano Reception Room, Cutco Theatre Jamestown Community College Olean Campus, Olean, NY http://historichometaxcredits.brownpapertickets.com/ Is your home located within a National/State Historic District or Listed in the National/State Registry? The New York State Historic Homeowner Tax Credit program provides a tax credit of 20% for qualified repair and renovation expenditures, up to $50,000. At this workshop you'll learn how to apply for the NYS Historic Homeowner Tax Credit program, including other eligibility criteria, how to submit a great application, what kinds of work qualifies, and recommendations on the types of work to apply for. If you have questions on whether your home is located in a National/State Historic District or on the Historic Registry, and within a qualifying census tract, please contact Laurie Stillwell prior to registering at (716) 852-3300 or lstillwell@pbnsaves.org

**Wellness Walk at Tifft Nature Preserve**-10:00am - 12:00pm. Enjoy the fresh air and the sights and sounds of the season with a healthy, guided outdoor walk on our trails! Please call 716.825.6397 to confirm walk will be taking place. $2 donation per person appreciated.

**Thursday Evening Stress Reducer Paddle**- Come join the Paths, Peaks & Paddles guides. We meet out in Wilson at the Wilson Tuscarora State Park (Route 18 East of Niagara Falls) at 6:30pm in the back parking lot. We will either take a paddling trip on either the East or West Branch of Twelve Mile Creek. All are welcome if you have your own boat (canoe or kayak) there is no charge. If you need to rent one, the cost is only $30.00 per boat solo or $40.00 tandem delivered out to Wilson for you, includes paddle(s) and PFD(s). We will bring the rented boat out to you! RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

**Green Development Zone (GDZ) Leadership Lab Workshops**-6:00 PM - 8:00 PM. The GDZ Leadership Lab is an approach, a set of tools and a strategy. We're using popular education to build grassroots leaders. This set of workshops will work with community members to explore how our community is working towards sustainability by showing and growing our resiliency and building the resistance to extractive systems. Under this frame we will look at: affordable housing, resiliency across cultures, developing community assets, and shared solar. Topic is *Affordable Housing* . @ 271 Grant St. For more info contact: Meghan Zaldivar, meghan@pushbuffalo.org, (716) 884-0356 ext. 105.

**Friday, September 30**

**In Search of Owls Walk-** 07:00 PM - 09:00 PM at Wilson-Tuscarora State Park. Fall is a delightful time for a walk! We will take a discovery hike in search of owls. We may be successful in calling them in. We will walk through the fields and explore the paths through an old growth woods. For information and registration call (716) 282-5154. *Registration:* Required

**Buffalo and Erie County Botanical Gardens: Gala at the Garden-** 6 to 10 p.m. at the Botanical Gardens, 2655 South Park Ave., Buffalo. There will be silent and live auction, raffles, mission moment and more. Dinner will be by Oliver's and a live auction by Cash Cunningham. Tickets are $175. For sponsorship opportunities or tickets, call Brittany Zandi at 827-1584, ext. 203 or email bzandi@buffalogardens.com.

**Saturday, October 1**

**Refresh Creativity Walk**-9am to noon. Guided Creativity Walk at Chestnut Ridge Park, starting at Casino. Contact Wellness Institute, 851-4052.

**Living Life for a Living Planet: *Our Gift to God***-1pm-4pm at 795 Main Street, Buffalo, NY. Fr. Jud iWeiksnar, OFM is the keynote speaker, Bishop Malone will lead us in the opening prayer. Sessions on ***Healthy Eating* –** Practical ways to improve your eating habits. ***Use Energy* Wisely** – Learn some energy saving tips that will increase the comfort of your home, help the environment. ***Use Your Voice to Change the System*** – This session will give practical ways to have open and frank dialogue with our elected representatives. ***Use Your Money to Save the Planet and One Another*** – Come and learn how what you purchase through Fair Trade at Catholic Relief Services can change the economy and the lives of our brothers and sisters. Price: $5, $7 at the door and students and teachers free. Call Sister Sharon Goodremote, FSSJ at 716-202-4706 for more information.

**Walk at Knox Farm State Park: "Knox Farm History"-** 9:00am – 10:30am at Knox Farm State Park, 437 Buffalo Rd, East Aurora, NY 14052. Open your ears to the fascinating history of the Knox Estate from the late 1800's to now. Meet in main parking lot. Donations accepted.

**Beginner Birding: Unity Island**-10am – 12pm at Unity Island, Buffalo. Join Buffalo Audubon Naturalist Tom Kerr for a Beginner Birding walk on Buffalo's Unity Island. We'll go over identification tips, how to use a field guide, and how to use binoculars. Meet at north lot. Binoculars are available. Pre-registration is required. Please call 585-457-3228 to register. Donations accepted.

**Observatory at Beaver Meadow**-7:00pm – 10:30pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center, NY 14082. The Buffalo Astronomical Association will take visitors on a guided tour of the night sky at the Observatory at Beaver Meadow. Visitors are invited to bring their own equipment. Donations gratefully accepted. The Observatory is located close the parking area.

**Honey Harvest Festival 2016**-Masterson's Nursery, East Aurora. 9am to 5pm Experienced beekeepers will be on hand throughout the event. If you've ever wondered how we get that delicious honey from our bees, stop in and see live honey extracting demonstrations. In addition to the honey extracting, we will be hosting intro to beekeeping seminars, wax rendering/candle making demonstrations, mead (honey wine) tasting, local vendors selling foods and crafts, pollinator friendly garden talk with local experts, the annual honey tasting competition, fun activities for the kids and much more! Bring the whole family or bring yourself down to Masterson's for this free educational and entertaining event. 725 Olean Rd., East Aurora, NY 14052, phone: 716.655.0133, email: info@mastersons.net.

**Introduction to Geo-Caching**-10am. Learn how to use a handheld Global Positioning System (GPS) unit, then search for hidden clues to solve nature mysteries. For adults and children ages 8 and up. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

**Woods Walk: Nature Guide's Choice**-11am. Join a guided nature walk through the woods. No registration required. Reinstein Woods Nature Preserve, Depew.

**Gill Creek Restoration and Planting**-Buffalo Niagara Riverkeeper has received funding from the US Forest Service GLRI to work on riparian planting to reduce stormwater runoff in Gill Creek in the City of Niagara Falls. There will two planting Fall 2016 and more plantings over the next 3 years. We will need volunteers to help plant a mixture of native trees and shrubs from 9am-12pm: REGISTER NOW

**Sunday, October 2**

**Honey Harvest Festival 2016**-Masterson's Nursery, East Aurora. 10am to 4pm Experienced beekeepers will be on hand throughout the event. If you've ever wondered how we get that delicious honey from our bees, stop in and see live honey extracting demonstrations. In addition to the honey extracting, we will be hosting intro to beekeeping seminars, wax rendering/candle making demonstrations, mead (honey wine) tasting, local vendors selling foods and crafts, pollinator friendly garden talk with local experts, the annual honey tasting competition, fun activities for the kids and much more! Bring the whole family or bring yourself down to Masterson's for this free educational and entertaining event. 725 Olean Rd., East Aurora, NY 14052, phone: 716.655.0133, email: info@mastersons.net.

**Family Walk at Beaver Meadow**- 2 to 3pm. Beaver Meadow Audubon Center, Java Center. Enjoy a guided walk led by one of our naturalists through the Preserve. Donations accepted.

**Trek Tifft**-2:00pm - 03:30pm. Drop in on Sunday afternoon for a guided tour of the Tifft Nature Preserve on our beautiful and accessible trails! All ages welcome. Please call 716.825.6397 to confirm walk will be taking place. $2 donation per person appreciated.

**Monday, October 3**

**Slow Roll Buffalo**-Free biking event for all ages. 5pm. Locations change weekly. Register once annually if participating. Check for updates and location at www.slowrollbuffalo.org.

## Tips for the Environment:

1. **Dog Lovers can reduce their environmental paw prints too.** Check out the Green Dog Owner Guide for tips at http://earth911.com/living-well-being/green-dog-owner-guide/

2. **Reuse and recycle your Tips for the Environment**-we are probably all using CFL bulbs, recycling regularly and engaging in lots of earth-friendly behaviors. If you have tips to share, please send them to me to include. I will be updating the archived list on our new website.

**Remember the 4 R's: Reduce, Reuse, Recycle and Repair**
**By Lesley Haynes**

In many locations the temperature and leaves are already beginning to fall. September 22nd is the first day of Autumn, a perfect time to start your 'Fall Cleaning'. Here are some suggestions to make your home safer and reduce your energy bills.

**Clean and test the furnace** for an annual cleaning because over the past 12 months it can collect dirt and debris which affects its performance and could even cause a fire. Do it now before you really need to turn the heat on. Check your owner's manual for instructions on how to clean it or call a furnace maintenance company. If you have a gas furnace, have it professionally inspected once a year.

**Move furniture or any obstructions from vents**, baseboard heaters, registers on the floor or radiators so that air moves freely. This is also a good time to vacuum these areas to remove any dust or debris. If you have a radiator place a reflecting panel behind it. You can purchase one at a home center or make one yourself with a plywood panel and aluminum foil.

**Remove window air conditioners** which are not needed during the winter months. If they cannot be removed, seal them with caulk or tape and cover them with an airtight, insulated jacket.

**Vacuum the refrigerator coils** to keep the compressor running efficiently. It's also a good time to check that the refrigerator is level ... the door should automatically swing shut instead of staying open. Check the seal on the door ... try closing it on a dollar bill. If you can pull the bill out easily, it's time to replace the gaskets. Another tip for running the refrigerator efficiently is do not over fill it. Allowing room for cool air to circulate will keep everything at the right temperature.

**Clean the ducts and area behind the clothes dryer**. Don't forget to clean the filter after each use and occasionally, give it a good wash.

**Check windows for proper caulking.** If you have single pane windows, add storm windows. Even a plastic film over windows will reduce heat loss.

**Check doors for weather stripping** and replace as necessary. If drafts sneak in under exterior doors, replace the threshold or block the drafts with a rolled-up towel or blanket.

**Electrical outlets,** especially on outside walls, and light fixtures are prime places for cold air to leak into your home. Add foam gaskets behind covers and switch plates, and use safety plugs in unused outlets. Be sure to shut off the power at the fuse box or circuit panel before doing this.

**Install foam covers** over outside water spigots to prevent freezing. Check for water leaks both inside and outside.

**If you have a fireplace** autumn is a good time to have the chimney cleaned and get vent systems checked.

If your home has **no sidewall insulation**, place heavy furniture like bookshelves, dressers and sofas along exterior walls. This will help block cold air.

**Clean the roof gutters** and make sure downspouts are pointed away from the house. Check your roof for any missing or damaged tiles or shingles.

**Check the air pressure in your car tires -** make sure that they are properly inflated. Cooler temperatures lower tire pressure which may, lower fuel efficiency.

**As the autumn leaves begin to fall**, consider raking them and use them as mulch to protect your plants during the winter months, or add them to a compost pile.

If you follow these suggestions the good news is that you will reduce your electric and heat bills considerably.

Don't forget "Together we can make a difference."

lesleyhaynes14@yahoo.com

**GROW WNY: Local Website for Everything Environmental**

GrowWNY (http://growwny.org) is a new hyper-local source of information about living green in Western New York. To showcase your local events or advertise a future event, be sure to submit to their online calendar.

## Ongoing Volunteer Opportunities Available

Volunteer opportunities are available at local organizations for a one-time commitment for several hours to a regularly scheduled donation of your time. Websites are listed later in the newsletter.

**Aquarium of Niagara-** Scuba-certified volunteers needed to clean the sea lion exhibit (without animals) once monthly. Other opportunities exist for education, exhibit maintenance and other tasks.

**AWARE** (Association for Wild Animal Rehabilitation and Education) - Volunteers needed for fundraising, grant writing, capturing and transporting animals to us or the veterinarians, public relations, construction of cages, begging for donations of materials and food (for the animals, not us) and for helping at our educational programs.

**Buffalo Audubon**- Volunteers wanted for Beaver Meadow Audubon Center, and For the Birds Niagara! Help with tour leading, office work, programming, grounds keeping and general maintenance. Every Wednesday 10am-2pm is Volunteer Day at Beaver Meadow. No need to register, but bring a lunch. Call (800) 377-1520 for details.

**Buffalo Carshare-** This new non-profit has brought car-sharing to Buffalo. Volunteers are needed for office help and promotion. Contact them at http://www.buffalocarshare.org/volunteer.html.

**Buffalo Central Terminal**-Many different opportunities for people interested in helping to preserve this unique building- people with basic carpentry and repair skills, and those with plumbing or electrical skills, to work inside the building, as well as those interested in staffing events, assisting with fundraising, marketing, operating our gift shop, and other tasks. For info, check http://buffalocentralterminal.org/you-can-help/volunteer-with-the-ctrc/.

**Buffalo & Erie County Botanical Gardens**-Docents needed. Training is provided. Tours and hands-on lessons are scheduled in advance, so you may sign up for those that fit your schedule. Other opportunities to help are available too. For info, contact khammer@buffalogardens.com

**Buffalo Junior Solar Sprint**-If you are interested in helping run the JSS Buffalo event or are interested in finding out more about the Leadership committee, please contact jssbuffalo@yahoo.com.

**Buffalo Museum of Science** has volunteer and internship opportunities available for teens, college students and adults. For information, contact Monika McFoy, Director of Community Programs, at 896-5200, ext. 343.

**Buffalo Niagara Riverkeeper**- http://bnriverkeeper.org/get-involved/volunteer/ for opportunities.

**Buffalo ReUse** can use volunteers for many things. To help, contact them at volunteer@buffaloreuse.org.

**Clean Air Coalition of WNY**-Help with mailings, phone calls, canvassing and Photovoice (documenting environmental challenges). To help, contact at 852-3813 or www.cacwny.org.

**Excalibur**, a private, non-profit all volunteer, charitable organization seeks competent anglers and captains to help provide free boating and fishing opportunities on Lake Erie for disabled and disadvantaged persons using the organizations new vessel. Contact Director Jim Catalano at jim@excaliburls.org or visit http://excaliburls.org

**Garden Walk Buffalo** helps to rejuvenate neighborhoods, helps make our neighborhoods more walkable, and has an incredible impact on Buffalo's image outside the region. For info, email GardenWalkBuffalo@yahoo.com.

**Go Bike Buffalo**- If you're interested or want more information, info@gobikebuffalo.org

**Habitat for Humanity** needs volunteers to help impact lives of families in the city of Buffalo by building simple, decent homes. Call 204-0740 or volunteer@habitatbuffalo.org.

**Hawk Creek Wildlife Center** is seeking volunteers for who would like to work with wildlife. 16 years or older. Call 716-652-8646. Email info@hawkcreek.org.

**HOME, Inc.** (Housing Opportunities Made Equal) seeks volunteers to work on various committees to further fair housing. For info/application, email muj265@homeny.org or visit their website at www.homeny.org.

**Iroquois Observations** offers free nature programs in partnership with the Buffalo Audubon Society each spring and fall. Please contact Garner Light at 772-5110 or glight@rochester.rr.com for more information.

**Junior Solar Sprint Buffalo**- If you are interested in helping run the JSS Buffalo event or are interested in finding out more about the leadership committee, please contact jssbuffalo@yahoo.com

**Lead Safe Erie County** needs volunteers to help paint houses and prevent lead poisoning. For those who are interested, there is also free training for Lead Safe Work Practices Certification. Service learning students, block clubs and others are welcome. Call Mary at 716-833-2929, ext. 117.

**Massachusetts Avenue Project** needs volunteers from the 1st week in April through October on Saturdays from 10-1 PM. http://mass-ave.org/

**Olmsted Parks**-Volunteers are needed for tree plantings, special park events, office work and mailings. Please call (716) 838-1249 x. 33 for more info on becoming an Olmsted parks volunteer.

**Penn Dixie Paleontological and Outdoor Education Center**- Volunteers of all ages and backgrounds are needed. Have a few hours a month to help introduce children and adults to the natural sciences? Call (716) 627-4560.

**Queen City Farms**- Contact Meghan at meghmccallum@gmail.com. Remember that families with children are always welcome with parental supervision.

**Preservation Buffalo Niagara**-Interns & volunteers welcome. www.preservationbuffaloniagara.org.

**Reinstein Woods Nature Preserve** offers a variety of volunteer positions as well as internships for college students. For more info, call 683-5959 or visit http://www.dec.ny.gov/education/1960.html.

**Science Firsthand** needs adult mentors to work with children in learning about science. All materials are provided. Mentors and students meet one hour per week after school at a community center. For info, call 858-7548.

**Tifft Nature Preserve** also needs volunteers for their programs, communications, fund-raising and other events. Call 662-1342 or email tifftfriends@yahoo.com.

**Additional calendars with local events-**
http://artvoice.com/calendar
http://www.citybration.com
http://www.buffalospree.com/Buffalo-Spree/Events/
http://www.exploreny.net/events.php3
http://www.metrowny.com/events.php
http://www.buffalo.edu/calendar
Re-Energize Buffalo Blog- http://renewnrg.blogspot.com/
http://buffalorising.com
http://www.buffalobarnraisers.com/
http://rochesterenvironment.com/calendar.htm

**Additional local blogs and websites-**
Buffalo Barn Raisers- http://www.buffalobarnraisers.com/
Buffalo Niagara Gardening - http://www.buffalo-niagaragardening.com/
Buffalo Niagara Nature Almanac- http://bnnatureblog.com/
Buffalo Issues Alert- http://groups.yahoo.com/group/BfloIssueAlerts/
Buffalo Promise Neighborhoods- http://buffalopromiseneighborhood.org/
Buffalo Tours- http://buffalotours.blogspot.com/
Buffalo Green Fund-http://www.buffalogreenfund.org/
Canning Tips for Food Preservation- http://www.motherearthnews.com
Campaign for Buffalo History, Architecture and Culture- http://greaterbuffalo.blogs.com/
Chirps and Cheeps Bird Blog- http://www.chirpsandcheeps.com/
Daily Public- http://www.dailypublic.com/
Dept. Environmental Conservation Calendar- http://www.dec.ny.gov/calendar/
DEC Green Living Tips- http://www.dec.ny.gov/public/337.html
Edible Buffalo- http://ediblebuffalo.wordpress.com/
Erie Cattaraugus Rail Trail- http://www.ecattrail.org/
Fix Buffalo- http://fixbuffalo.blogspot.com/
Gardening Speakers Bureau http://gardentalkbuffalo.blogspot.com/p/blog-page.html
GBNRTC-http://www.gbnrtc.org/blog/
Guide to Urban Farming- http://smallfarms.cornell.edu/resources/
Healthy Kids/Healthy Communities- http://hkhcbuffalo.blogspot.com/
Learning Sustainability Campaign- http://www.learningsustainability.com/
Parks and Trails NY Trailfinder Site- http://www.ptny.org/trailfinder/Default.aspx
Reuse Action-http://reuseaction.com/blog/
Rochester Environment- http://www.rochesterenvironment.com/
WNY Enviro- http://groups.yahoo.com/group/WNY-ENVIRO/
Outdoors Niagara- http://www.outdoorsniagara.com/
Environmental Tips- http://www.globalstewards.org/ecotips.htm
Good Neighborhood- http://thegoodneighborhood.com/
Buffalo Architecture and History- http://www.buffaloah.com/
Richardson-Olmsted http://www.richardson-olmsted.com/
Times Beach Nature Preserve- www.facebook.com/pages/Friends-of-Times-Beach-Nature-Preserve/283210257029
All about Nature- http://www.meetup.com/All-About-Nature-in-WNY/
Black Dog Rescue- www.blackdogsecondchance.org
Peace Weavers- http://peaceweavers.org/
Eco-Island Nature Center- www.k12.ginet.org/resources.cfm?subpage=6518
NY Sport Fishing- http://www.fishny.com/
Erie Canal Trailway- www.ptny.org/bikecanal
Niagara Watershed Alliance- http://www.had-e-nuff.com/id6.html
Rochester Roots-http://www.rochesterroots.org/
SOLE of Buffalo- https://www.facebook.com/pages/SOLE-of-Buffalo/242409525795420
New York Times Green Energy & Environment-http://green.blogs.nytimes.com/
South Buffalo CREW- http://www.southbuffalocrew.com/
U Save Buffalo/Recycling- http://www.facebook.com/USaveBuffalo

We Love Outdoors-http://www.weloveoutdoors.com/
WNY Chapter/American Chemical Society- http://wny.sites.acs.org/
Fishing Outdoors- http://www.huntfishnyoutdoors.com/events.php
WGRZ Outdoors- http://www.wgrz.com/local/2-the-outdoors/
Citizen Science Opportunities- listing

**Green Jobs, Internships and Opportunities**
Environmental Internships-http://environmentalinterns.ncseonline.org/
Green Jobs- http://www.greatgreencareers.com , http://www.greenjobs.com/
UB Green Job list- http://www.ub-careers.buffalo.edu/green.php
Listing of websites-www.tinyurl.com/SustainabilityAndGreenJobs

**New York State Resources**
Geographic Information Gateway http://opdgig.dos.ny.gov/#/home

**Youth Summer/Holiday Camps/Home School Series**
www.aquariumofniagara.org
www.buffaloaudubon.org
www.buffalogardens.com
www.buffscience.org
www.tifft.org
www.buffalozoo.org
www.penndixie.org

**Education Resources**
Green Education Foundation
Facing the Future
Cloud Institute for Sustainable Education
Sustainable Futures Institute
Nature Generation.
The Center for Ecoliteracy
Hamline's Center for Global Environmental Education (CGEE)
The National Science Teachers Association Learning Centers
The US Partnership for Education for Sustainable Development

**Grant Opportunities**
http://assembly.state.ny.us/gan/
www.wnygrantmakers.org/
www.grantstation.com
www.grantwatch.com
www.grantwrangler.com
www.grantsalert.com
http://www.glrppr.org/funding/
https://attra.ncat.org/index.php

**Urban Farms/ Composting/Rural Community-Supported Agriculture/Sustainable Practices-**
Arden Farm- http://theardenfarm.com/
Becker Farms- http://www.beckerfarms.com/csa
Buffalo Organics/Foodscaping Project-http://www.buffalofoodscaping.com/
Busti Cider Mill- www.busticidermill.com
Canticle Farms-http://www.canticlefarm.org
Chicken Worth Eating-http://www.chickenwortheating.com/
Common Roots Urban Farm- https://www.facebook.com/CommonRootsUrbanFarm/
Dirt Rich Farm- http://www.localharvest.org/dirt-rich-farm-M66269

Eastern Monarch Butterfly Farm- https://www.facebook.com/EasternMonarchButterflyFarm
Erie County Farmers' Markets- http://www.agriculture.ny.gov/AP/CommunityFarmersMarkets.asp#Erie County
Falkimmer Farms- http://falkimmerfarms.com/
Farmer Pirates-http://www.farmerpirates.com/
Farmers and Artisans- http://farmersandartisans.com
Farmthisway CSA - http://www.farmthisway.com/
Fenton's Produce- www.fentonsproduce.com
First Light Farm and Creamery- http://www.first-light-farm.com
Five Loaves Farm- Kauffman.m@gmail.com
Flavor Farm- www.flavor-farm.com
Good Food Farm- www.goodfoodfarm.blogspot.com
Gormley Farms- https://www.facebook.com/gormleyfarms
Green Heron Growers- http://www.greenherongrowers.com/
Green Shoots- www.jersbuffalo.org/index.php/programs/category/Green_Shoots_for_New_Americans
Harvest Patch- http://www.harvestpatch.com/
McCollum Orchards/Wildwood CSA- http://www.oldfarmnewlife.com/
Michigan Riley Farm- http://michiganrileyfarm.wordpress.com/
Native Offerings- http://nativeofferings.com/
Niagara Malt- www.niagaramalt.com
Plato Dale Farm- http://www.platodalefarm.org/
Porter Farms- http://porterfarms.org/
The Promised Land- http://www.promisedlandcsa.com/produce.htm
Queen City Farm- www.queencityfarm.org/
Reigle's on the Ridge- http://www.localharvest.org/reigles-on-the-ridge-M48650
Richardson Farms/Grace's Garden- http://www.localharvest.org/richardson-farms-graces-garden-M51641
Roots & Wings Family Farm- http://www.rootsandwingsfamilyfarm.com
Root Down- www.therootdownfarm.com
Sinemus Farms- http://www.sinemusfarms.com/
Singer Farms Naturals-www.singerfarmnaturals.com
Thorpe's Organic Farm- www.thorpesorganicfamilyfarm.com
T-Meadow Farms- http://tmeadowfarm.com/
Wilson Street Urban Farm- http://wilsonstreeturbanfarm.wordpress.com/
NY Sustainable Agriculture Working Group- http://www.farmtraveleronline.com/
NYSAWG Links to Farmers' Markets, CSA, Other farms- http://www.nysawg.org/directory-of-farms.html
Local Harvest (resource site)-http://www.localharvest.org/
NY Agri-women - http://www.newyorkagriwomen.com/
Local Meats- http://meatsuite.com/

**Local Tourism promoting Sustainability**
Buffalo Bites Food Tours- http://www.buffalobitesfoodtours.com/
Buffalo Tours- http://www.preservationbuffaloniagara.org/buffalo-tours/
Niagara Wine Trail - http://www.niagarawinetrail.org/

**Recycling, Reuse, Green Cleaning Options: (also check www2.erie.gov/recycling/index.php?q=node)**
Batteries- Twin Village Salvage Recycling, 4153 Broadway, Depew 683-5373
Batteries, rechargeable- drop offs at Office Depot, Best Buy , Target, Walmart, Radio Shack, Lowe's
Bicycles- Buffalo Blue Bicycle http://gobikebuffalo.org/
Books- www.booksforafrica.org, www.operationpaperback.org
Bottle and jar caps-Weisenbach Recycled Products in Ohio. CapsCando.com.
Bras- www.donateyourbra.com, www.brarecycling.us
Building materials- www.buffaloreuse.org
Carpet- WNY Professional Flooring, 864-3875
Cars- http://www.donateacar.com/
Clothing, general-Goodwill, Amvets, Salvation Army, St. Vincent Depaul Society, Ladies of Charity, Goodwill, American Eagle Outfitters
Clothing, formal/business- www.donatemyweddingdress.org/, www.careergear.org, www.dressforsuccess.org

Compact Fluorescent Light Bulbs-Accepted at all Home Depot stores, Lowe's
Computer disks, tapes and misc. techno"trash"- http://greendisk.com/
Computer equipment- local Goodwill stores and attended donation centers, Best Buy, Sunnking dropoffs
Cell Phones-Buffalo Zoo, Aquarium of Niagara and other charities
Drug disposal best practices- http://www.dec.ny.gov/chemical/45083.html
Electronics- www.greenergadgets.org/recycling-responsibly.html, most electronics stores, www.sunnking.com
City of Buffalo residents- 1120 Seneca Street, hours and info here; Other residents, check with your towns.
Envelopes, tyvek- < 25: Send to Tyvek Recycle, Attn. Shirley B. Wright, 8401 Fort Darling Road, Richmond, VA 23237. More than 25: call 866/33-TYVEK.
Eyeglasses-Lions Club http://donateglasses.net/search.html for sites accepting donations
Fishing line: Berkley Recycling, 1900 18th St., Spirit Lake, IA 51360.
Fur coats (incl faux fur)- http://coatsforcubs.com (used for animal rehab for young animals)
Gift cards and customer loyalty cards- http://www.earthworkssystem.com/consumers.html
Green Cleaning programs in the workplace-https://greencleaning.ny.gov/Entry.asp
Greeting Cards- http://www.stjudesranch.org/shop/recycled-card-program/
Hazardous Household materials- http://www.hazmanusa.com/
Household Goods (Appliances, Furniture, Kitchenware)-Goodwill, Salvation Army, Ladies of Charity, St. Vincent DePaul Society (Main St.) 882-3600
Ink cartridges-RecyclePlace.com and most manufacturers
Mattresses- http://www.triadrecycle.com/mattress.html
Medicines, expired or unused- http://www.dec.ny.gov/docs/water_pdf/guidance3.pdf
Needles, Syringes etc.- http://www2.erie.gov/health/index.php?q=needle-disposal-amp-access
Packaging Materials (bubble wrap, peanuts)-UPS Store
Pantyhose/tights- NoNonsense.com/PantyhoseRecycling.aspx
Plant pots- Mischler's Florist and Nursery, Lavocats Nursery, Lockwood's Nursery, Lowes stores, Home Depot
Plastic shopping bags, cereal liners, packing pillows-groceries, many retailers, www.plasticfilmrecycling.org
Plastics 1-7- dropoff at Great Lakes Recycling, 22 Mechanic St, North Tonawanda, 716-692-3448
Recycling A to Z - realsimple
Shoes, athletic-NikeReuseAShoe.com, Souls4Souls.org and OneWorldRunning.com
Sports equipment-resell/trade at www.playitagainsports.com
Tennis balls- http://www.rebounces.com/recycle/
Toys, plastic- http://dmpgreen.com/mail_in.html
Uses and reuses for many items- http://www.world.org/weo/recycle
Water filters-Brita partners with preserveproducts.com/recycling
Yoga mats- RecycleYourMat.com

**Eco-volunteering with Travel:**
http://www.planetfriendly.net/learn.html
http://www.globalteer.org
http://www.ecovolunteer.org/
http://www.goeco.org/
http://www.wwoof.org/
http://www.americanhiking.org/

**Education Courses or Certificates:**
Energy University Website with Schneider Electric- Courses are free
Green Classroom Professional Certificate- Online courses, info here
Solar Energy Training- http://www.solarenergy.org/training-schedule/
Coursera- www.coursera.org

**Miscellaneous:**
Green America's guide to Socially Responsible Investing- http://pubs.greenamerica.org/i/116105
Buffalo Relocation and Self-Promotion http://www.wherelifeworks.com/

**Links to area/state environmental/community sustainability organizations and regularly scheduled activities:**

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| Adirondack Mountain Club-Niagara Frontier Chapter<br>Meetings 7:30, second Tues. from Sept.-June | http://adk-nfc.org/ |
| Allegany Nature Pilgrimage | http://alleganynaturepilgrimage.com/ |
| Alliance for the Great Lakes | www.greatlakes.org |
| American Planning Association-WNY Section/Upstate | www.wnyapa.com |
| American Meteorological Society-WNY Chapter | www.facebook.com/amswnychapter |
| Amherst Greenways | http://Amherstgreenways.org |
| Amherst State Park Arboretum | http://www.amherststatepark.org/ASP/Welcome.html |
| Animal Advocates of Western New York | http://www.animalswny.org/ |
| Aquarium of Niagara | www.aquariumofniagara.org |
| Artfarms | http://www.artfarms.org/ |
| Asha Sanctuary for Rescued Farm Animals | http://www.ashasanctuary.com/ |
| AWARE-Assoc. for Wild Animal Rehabilitation & Education | http://www.awarewildlife.com/ |
| Bergen Swamp Preservation Society | http://www.bergenswamp.org/ |
| Bless the Beasts Foundation | http://blessthebeastsinc.webs.com/ |
| Bond Lake Environmental & Beautification Committee | http://www.freewebs.com/bondlake/ |
| Braddock Bay Bird Observatory | http://braddockbaybirdobservatory.wordpress.com/ |
| Buffalo Architecture Foundation | http://www.buffaloarchitecture.org/ |
| Buffalo Audubon Society/Beaver Meadow Nature Center | www.buffaloaudubon.org |
| Buffalo Bike Share | www.buffalobikeshare.org/ |
| Buffalo Brownfields Opportunities Areas | http://buffalobrownfieldopportunities.com/ |
| Buffalo Citybration | http://citybration.com/ |
| Buffalo and Erie County Botanical Gardens | www.buffalogardens.com |
| Buffalo First | www.buffalofirst.org/ |

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| Buffalo Geological Society<br>Meetings 7:30pm, first Fri. Oct-April, Parkside Lutheran | www.bgsny.org |
| Buffalo Green Code | http://www.buffalogreencode.com/ |
| Buffalo in Bloom | www.buffaloinbloom.com/ |
| Buffalo Maritime Center | http://www.buffalomaritimecenter.org/ |
| Buffalo Microparks | http://www.buffalomicroparks.com/ |
| Buffalo Museum of Science | www.sciencebuff.org/ |
| Buffalo Niagara Riverkeeper | www.bnriverkeeper.org/ |
| Buffalo Niagara 2050 Transportation | www.buffaloniagara2050.com |
| Buffalo Olmsted Parks Conservancy | www.bfloparks.org |
| Buffalo Orienteering Club | http://www.buffalo-orienteering.org/ |
| Buffalo Ornithological Society | http://www.buffaloornithologicalsociety.org/ |
| Buffalo Recycles | http://buffalorecycles.org/ |
| Buffalo ReUse | www.buffaloreuse.org/ |
| Buffalo Solar Carousel | http://buffaloheritagecarousel.org/ |
| Buffalo Urban Development Corp | http://budc.ecidany.com/ |
| Buffalo Zoo | www.buffalozoo.org |
| Burchfield Nature and Art Center | http://www.burchfieldnac.org/ |
| Cabelas | www.cabelas.com/stores/store_info.jsp?pageName=058#events |
| Center for Environmental Information (Rochester) | http://ceinfo.org/ |
| Center for the Study of Art, Architecture, History and Nature | http://buffaloah.com/h/center/index.html |
| Chautauqua Watershed Conservancy | http://www.chautauquawatershed.org/ |
| Chestnut Ridge Conservancy | http://chestnutridgeconservancy.org/ |
| Citizens Campaign for the Environment | www.citizenscampaign.org |
| Citizens' Environmental Coalition | www.cectoxic.org/index.html |

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| Citizens for Regional Transit | www.citizenstransit.org/ |
| Citizen Science Community Resources | http://www.airhugger.org/ |
| Clarence Bluebird Trail | www.clarencebluebirdtrail.org |
| Clean Air Coalition of Western New York | http://www.cacwny.org/ |
| Clean Communities of Western New York | http://www.ccofwny.org/ |
| Community Action Organization of Erie County | http://www.caoec.org/ |
| Community Foundation for Greater Buffalo | http://www.cfgb.org/ |
| Cornell Cooperative Extension for Cattaraugus County | http://chautauqua.cce.cornell.edu/ |
| Cornell Cooperative Extension for Erie County | http://counties.cce.cornell.edu/erie/ |
| Cornell Cooperative Extension for Niagara County | http://counties.cce.cornell.edu/niagara/ |
| Daemen College Center for Sustainable Communities | www.daemen.edu/academics/centersinitiatives/CSCCE |
| Department of Environmental Conservation (NY State) | www.dec.ny.gov/index.html |
| Designing to Live Sustainably | http://www.d2lsbuffalo.com/ |
| Earth Spirit Educational Services | www.earthspiritedu.org |
| Environmental Education Associates | http://environmentaleducation.com/ |
| Environmental Protection Agency<br>Local Office (716) 551-4410 | http://www2.epa.gov/aboutepa/epa-region-2 |
| Erie Canal Harbor Development | http://www.eriecanalharbor.com/ |
| Erie County Community College Going Green | http://eccgoinggreen.ecc.edu/index.html |
| Erie County Conservation Society | http://eccs-club.org/ |
| Erie County Department of Environment and Planning | http://www2.erie.gov/environment/ |
| Erie County Environment Management Council | http://www2.erie.gov/environment/ |
| Erie County Farm Bureau | http://www.ecfarm.com/ |
| Erie County Federation of Sportsmen's Clubs | http://www.eriectyfsc.org/ |

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| Erie County Parks and Recreation | http://www.erie.gov/parks |
| Erie County Soil and Water Conservation | www.ecswcd.org/ |
| Excalibur Leisure Skills | https://www.facebook.com/excaliburleisureskills/ |
| Explore Buffalo | www.explorebuffalo.org |
| Farm2Curb | https://www.facebook.com/farmtocurb |
| Field and Fork Network | http://fieldandforknetwork.com/ |
| Fillmore Corridor Neighborhood Coalition | http://www.fcnc-buffalo.org/ |
| First Hand Learning | www.firsthandlearning.org |
| Food is our Medicine Project | www.foodisourmedicine.org/ |
| Food Policy Council of Buffalo & Erie County | http://buffaloeriefoodpolicycouncil.org/ |
| For A Clean Tonawanda Site | www.factsofwny.com/ |
| Foundry | http://thefoundrybuffalo.org/ |
| Friends of the Iroquois National Wildlife Refuge | http://www.friendsofiroquoisnwr.org/ |
| Friends of Times Beach Nature Preserve | http://www.friendsoftimesbeachnp.org/ |
| Foothills Trail Club | www.foothillstrailclub.org |
| Gander Mountain Store (seminar listings) | http://www.gandermountain.com/store-locator/ |
| Garden Clubs of WNY | www.gardenclubsofwny.com |
| Garden Walk Buffalo | http://gardenwalkbuffalo.com/ |
| Genesee County Nature Center | www.gcv.org |
| Global Justice Ecology Project | http://globaljusticeecology.org/ |
| Go Bike Buffalo | http://gobikebuffalo.org/ |
| Good Going WNY | www.goodgoingwny.com |
| Gooseneck Hill Waterfowl Sanctuary | www.gooseneckhillwaterfowlfarm.com |
| Grassroots Gardens of Buffalo | www.grassrootsgardens.org/ |

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| Greater Buffalo-Niagara Regional Transportation Council | www.gbnrtc.org/ |
| Great Lakes Beach Sweep | http://greatlakesbeachsweep.org/ |
| Great Lakes Center at Buffalo State College | http://greatlakescenter.buffalostate.edu/ |
| Great Lakes Experience | http://www.thegreatlakesexperience.org |
| Green Development Zone | http://greendevelopmentzone.org/ |
| Green WNY | http://greenwny.com/ |
| Greenworks WNY | https://www.facebook.com/Greenworks-Buffalo-Niagara-418537631544691/ |
| Groundwork Buffalo | www.gwbuffalo.org |
| Habitat for Humanity Buffalo | http://www.habitatbuffalo.org/ |
| Heart of the City Neighborhoods, Inc. | www.hocn.org |
| Iroquois National Wildlife Refuge | http://www.fws.gov/refuge/iroquois/ |
| Jamestown Audubon Center & Sanctuary | www.jamestownaudubon.org |
| Jamestown Community College | http://www.sunyjcc.edu/sustainability |
| Jane's Walk-Buffalo | http://janeswalk.org/united-states/buffalo-ny/ |
| Junior Solar Sprint Buffalo | www.jssbuffalo.com |
| Lake Erie Seaway Trail Center | http://lakeerieseawaytrail.org/ |
| League of Women Voters of Buffalo Niagara | http://www.lwvbn.org/ |
| Learning Sustainability Campaign | http://www.learningsustainability.com/ |
| Local Initiatives Support Corporation | http://www.buffalolisc.org |
| Maddie's Pet Rescue Project | http://www.maddieseriecounty.org/ |
| Massachusetts Avenue Project | http://mass-ave.org/ |
| Matt Urban Human Services Center | http://urbanctr.org/ |
| Messinger Woods Wildlife Care and Education Center, Inc | www.messingerwoods.org |
| Nannen Arboretum | http://www.nannenarboretum.org/ |

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| Nature Conservancy-Central and Western New York Chapter | http://Nature.org/centralwestern |
| Nature Ed-Ventures | www.natureed-ventures.com |
| Nature Sanctuary of Western New York | http://nsswny.org/ |
| New York Farm Bureau | http://www.nyfb.org/ |
| New York Flora Association | http://www.nyflora.org/ |
| New York Forest Owner's Association | www.nyfoa.org |
| New York Interfaith Power and Light | www.newyorkipl.org/ |
| New York League of Conservation Voters | http://www.nylcv.org/ |
| New York Power Authority | www.nypa.gov |
| New York Public Interest Research Group | http://www.nypirg.org/ |
| New York State Association of Conservation Commissions | http://www.nysaccny.org/index.php |
| New York State Ornithological Association | http://nybirds.org/index.html |
| New York State Outdoor Education Association | http://nysoea.org/ |
| New York State Parks | www.nysparks.com |
| New York State Sea Grant | http://www.seagrant.sunysb.edu/ |
| New York State Soil and Water | http://www.nys-soilandwater.org/ |
| New York State Sustainable Agriculture Working Group | http://www.ny-sawg.org/ |
| New York Upstate Chapter of the Green Building Council | http://www.greenupstateny.org/ |
| New York State Wetlands Forum | http://www.wetlandsforum.org |
| Niagara County Farm Bureau | http://www.niagaracountyfarmbureau.com/ |
| Niagara County Landfill and Recycling | http://www.rethinkyourwaste.com/ |
| Niagara County Parks | http://www.niagaracounty.com/Parks/ |
| Niagara County Soil and Water Conservation District | www.niagaraswcd.com |
| Niagara Frontier Botanical Society | https://sites.google.com/a/niagarafrontierbotanicalsociety.org/niagara-frontier-botanical-society/home |

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| Niagara Frontier Wildlife Habitat Council | http://www.nfwhc.org/ |
| Niagara Heritage Partnership | http://www.niagaraheritage.org/ |
| Niagara Restoration Council | www.niagararestoration.org/ |
| Niagara River Anglers Association | http://www.niagarariveranglers.com |
| Niagara River Greenway Commission | www.niagaragreenway.org |
| Niagara University Sustainability | http://www.niagara.edu/green/ |
| Northeast Organic Farming Association of New York | http://nofany.org |
| Oakmossed Education | http://oakmossed.com |
| One Region Forward | http://www.oneregionforward.org/ |
| Open Buffalo | http://www.openbuffalo.org/ |
| Partnership for the Public Good | www.ppgbuffalo.org |
| Paths, Peaks and Paddles | www.pathspeakspaddles.com |
| Penn Dixie Paleontological and Outdoor Education Center | www.penndixie.org |
| Pfeiffer Nature Center (Portville) | www.pfeiffernaturecenter.org |
| People United for Sustainable Housing | http://www.pushbuffalo.org |
| Plant WNY | http://www.plantwny.com/ |
| Preservation Buffalo Niagara | http://www.preservationbuffaloniagara.org/ |
| Primate Sanctuary | http://theprimatesanctuary.com |
| Regional Councils NYS | http://regionalcouncils.ny.gov |
| Reinstein Woods Nature Preserve | www.dec.ny.gov/education/1837.html |
| ReNU Niagara | http://www.niagara.edu/renu/ |
| Reptile Adoption, Rehabilitation and Education, Inc. (RARE) | http://rarerehab.org/ |
| Restore our Community Coalition | http://roccbuffalo.org/ |
| Retree Western New York | www.re-treewny.org |

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| ReUse Action | http://reuseaction.com/ |
| Rise Up for Climate Justice | https://www.facebook.com/riseupforclimatejustice/ |
| Roger Tory Peterson Institute | www.rtpi.org |
| Service Collaborative of WNY | http://www.tscwny.org/ |
| Sierra Club (Niagara Group of Atlantic Chapter) | http://niagarasierraclub.com/ |
| Slow Roll Buffalo | http://slowrollbuffalo.org/ |
| South Buffalo Alive | http://www.southbuffaloalive.com/ |
| SPCA serving Erie County | www.yourspca.org |
| Street Synergy | http://www.streetsynergy.org/ |
| SUNY Fredonia | http://www.fredonia.edu/gogreen/ |
| Sustainability at Buffalo State | http://sustainability.buffalostate.edu/ |
| Sustainable Earth Solutions | www.sustainableearthsolutions.com |
| Tifft Nature Preserve | http://www.tifft.org/tifft/ |
| Tonawanda Creek Watershed Committee | https://tonawandacreek.shutterfly.com/ |
| Tuscarora Environmental Task Force | http://www.tuscaroraenvironment.com |
| 21st Century Park on the Outer Harbor | http://21stcenturypark.org/ |
| UB Engineers for a Sustainable World | http://www.eng.buffalo.edu/esw |
| UB Environmental Network | https://www.facebook.com/groups/2239558471/ |
| UB ERIE Program | http://www.erie.buffalo.edu/ |
| UB Office of Sustainability | http://www.buffalo.edu/sustainability.html |
| UB Regional Institute | http://regional-institute.buffalo.edu/ |
| University Heights Collaborative | http://ourheights.org/ |
| UnwasteNY | http://www.unwasteny.org |
| Urban Land Institute | http://newyork.uli.org/regional/ |

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| Urban Roots | www.urbanroots.org/ |
| US Army Corps of Engineers-Buffalo District | http://www.lrb.usace.army.mil/ |
| US Coast Guard-Boating Safety | http://www.wnyboatsafe.org/ |
| Vision Niagara | http://visionniagara.org/ |
| Voice-Buffalo | http://www.voice-buffalo.org/index.html |
| WASH Project | http://thewashproject.org/ |
| Wellness Institute | http://www.healthycommunitynetwork.com/ |
| Western Chapter New York Water Environment Association | http://nywea.org/ |
| Western New York AmeriCorps (Service Collaborative) | http://www.tscwny.org/ |
| Western New York Earth Day | http://www.wnyearthday.org/ |
| Western New York Environmental Alliance | http://www.growwny.org/ |
| Western New York Herpetological Society | http://www.wnyherpsociety.org/ |
| Western New York Hiking Trails and resources | www.wnyhikes.com |
| Western New York Land Conservancy | http://www.wnylc.org/ |
| WNY Nursery and Landscape Association (PLANT WNY) | http://www.plantwny.com/ |
| WNY Partnership for Invasive Species Mgmt (PRISM) | www.wnyprism.org |
| WNY Permaculture | https://www.facebook.com/WNY-Permaculture-1098493876841295/ |
| Western New York Science Congress | http://wnysc.org/ |
| Western New York Service Learning Coalition | http://levesqueinstitute.niagara.edu/programs/wnyslc/ |
| Western New York Soil Health Alliance | www.wnysoilhealth.com |
| WNY STEM | http://wnystem.org/ |
| Western New York Stormwater Coalition | http://www2.erie.gov/environment/ |
| Western New York Sustainable Business Roundtable | http://www.wnysustainablebusiness.org/ |
| Western New York Sustainable Energy Association | https://www.facebook.com/WNYSEA |

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| WNY Peace Center Renewable Energy Task Force | http://wnypeace.org/new/projects.html |
| West Side Ministries | http://www.westsideministries.org/ |
| West Valley Citizen Task Force | www.westvalleyctf.org |
| Wild Kritters | http://www.wildkritters.com/ |
| Wild Ones, Native Plants and Natural Landscapes | http://www.wildonesniagara.org/ |
| Wild Spirit Education | http://www.wildspirit.org/ |
| Wind Action Group | https://buffalowind.wordpress.com/ |
| Working for Downtown | http://www.workingfordowntown.org/ |
| World on your Plate | http://www.worldonyourplate.org/ |